

C 22	561	22.6	930	16	US-09-277-227-12231	Sequence 16231, A
C 23	561	22.6	930	34	US-09-909-627-16231	Sequence 16231, A
C 24	580	22.6	933	16	US-09-277-227-16230	Sequence 16230, A
C 25	580	22.6	933	34	US-09-909-627-16230	Sequence 16230, A
26	570	22.2	1523	17	US-09-347-127-67	Sequence 67, Appl
27	570	22.2	1523	34	US-09-905-059-67	Sequence 3408, Ap
28	554	21.6	597	25	US-09-652-816-3408	Sequence 1436, Ap
29	542	21.1	705	1	PCT-US01-01354-1436	Sequence 1436, Ap
30	542	21.1	705	30	US-09-764-905-1436	Sequence 1436, Ap
31	542	21.1	705	39	US-10-092-999-1436	Sequence 7880, Ap
32	521	20.3	1358	22	US-09-577-410-7880	Sequence 53130, A
33	514	20.0	878	19	US-09-528-409-53130	Sequence 53130, A
34	514	20.0	878	35	US-09-933-524-53130	Sequence 53130, A
35	514	20.0	878	35	US-09-933-524-53130	Sequence 16222, A
36	474	18.5	726	16	US-09-277-227-16222	Sequence 16222, A
37	474	18.5	726	34	US-09-909-627-16222	Sequence 10554, A
38	452	17.6	2049	1	PCT-US01-08631-10554	Sequence 30794, A
39	446	17.4	756	18	US-09-469-036-30794	Sequence 1170, Ap
40	446	17.4	756	35	US-09-943-143-30794	Sequence 16018, A
41	442	17.2	448	65	US-60-213-178-1170	Sequence 19157, A
42	430	16.8	1507	71	US-60-278-558-16018	Sequence 30791, A
43	428	16.7	428	20	US-09-534-846-19157	Sequence 9039, Ap
44	423	16.5	768	18	US-09-489-036-30791	Sequence 9819, Ap
45	423	16.5	768	35	US-09-943-143-30791	Sequence 9916, Ap
46	421	16.4	1430	25	US-09-652-123-9039	Sequence 9350, Ap
47	421	16.4	1430	25	US-09-652-126-9976	Sequence 9615, Ap
48	421	16.4	1430	25	US-09-652-816-9350	Sequence 15270, A
49	421	16.4	1430	25	US-09-652-816-9350	Sequence 5921, Ap
50	421	16.4	1430	25	US-09-652-816-9350	Sequence 5394, Ap
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53	421	16.4	1430	28	US-09-717-350-4632	Sequence 7475, Ap
54	421	16.4	1430	29	US-09-721-588-5028	Sequence 2161, Ap
55	421	16.4	1430	29	US-09-726-804-2161	Sequence 6089, Ap
56	421	16.4	1430	29	US-09-726-807-2899	Sequence 4086, Ap
57	421	16.4	1430	29	US-09-726-807-2899	Sequence 1559, Ap
58	421	16.4	1430	29	US-09-726-807-2899	Sequence 12816, A
59	421	16.4	1430	29	US-09-726-807-2899	Sequence 10133, A
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62	417	16.2	1495	61	US-60-172-173-12816	Sequence 410, App
63	411	16.0	481	16	US-09-271-490-10133	Sequence 1259, Ap
64	411	16.0	481	34	US-09-925-552-10133	Sequence 2388, A
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66	405	15.8	603	1	PCT-US01-08631-10552	Sequence 16213, A
67	400	15.6	622	29	US-09-758-450-410	Sequence 1464, Ap
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69	387	15.1	652	22	US-09-577-410-1259	Sequence 951, App
70	387	15.1	760	25	US-09-652-814-9385	Sequence 3528, Ap
71	377	14.7	377	18	US-09-489-036-23388	Sequence 3003, Ap
72	377	14.7	377	35	US-09-943-143-23388	Sequence 6669, Ap
73	372	14.5	731	16	US-09-277-227-16213	Sequence 30792, A
74	372	14.5	731	16	US-09-909-627-16213	Sequence 1254, Ap
75	359	14.0	66741	66	US-60-226-176-1464	Sequence 3888, A
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84	318	12.4	815	35	US-09-943-143-30792	Sequence 30795, A
85	308	12.0	308	14	US-09-083-895-1254	Sequence 30795, A
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90	294	11.5	415	35	US-09-933-524-7267	Sequence 30795, A
91	291	11.3	521	14	US-09-078-617-806	Sequence 30795, A
92	285	11.1	285	14	US-09-041-895-2202	Sequence 30795, A
93	284	11.1	822	18	US-09-489-036-30795	Sequence 30795, A
94	284	11.1	822	35	US-09-943-143-30795	Sequence 30795, A

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95	269	10.5	422	22	US-09-577-410-6310	Sequence 6310, Ap
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98	259	10.1	272	17	US-09-396-970-1592	Sequence 1592, Ap
99	259	10.1	272	23	US-09-617-526-66	Sequence 66, Appl
100	256	10.0	399	29	US-09-758-450-301	Sequence 301, App
RESULT 1						
US-09-988-971-1						
Sequence 1, Application US/09988971						
GENERAL INFORMATION:						
APPLICANT: BRISTOL-MYERS SQUIBB COMPANY						
TITLE OF INVENTION: CLONING AND EXPRESSION OF HUMAN SLAP-2: A NOVEL						
TITLE OF INVENTION: SH2/SH3 DOMAIN-CONTAINING HUMAN SLAP HOMOLOGUE HAVING						
FILE REFERENCE: D0043PCT						
CURRENT APPLICATION NUMBER: US/09/988,971						
PRIOR FILING DATE: 2001-11-20						
PRIOR APPLICATION NUMBER: 60/252545						
PRIOR FILING DATE: 2000-11-22						
NUMBER OF SEQ ID NOS: 7						
SOFTWARE: PatentIn Ver. 2.1						
SEQ ID NO 1						
LENGTH: 2567						
TYPE: DNA						
ORGANISM: Homo sapiens						
US-09-988-971-1						
Query Match						
Best Local Similarity 100.0%; Score 2567; DB 37; Length 2567;						
Matches 2567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;						
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Db	61	GCTCAAGGCGCTGGGCTTCCCTCGGCTGGCTGGTGGAGGGTCCCACT	120			
Qy	121	CCGAGATCCCTAAGAGACATGGGCGAGCTGATCCCTGTGTGTAACATCTGACTG	180			
Db	121	CCGAGATCCCTAAGAGACATGGGCGAGCTGATCCCTGTGTGTAACATCTGACTG	180			
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Db	181	CAGACGATGCTGACATCCCAACCAACCTGAGCTTCCCTGAGATCTCCAGGC	240			
Qy	241	TGAGAGATGCTGAGTCTCTGAGACCAAGACACTGGAGACTTCAGAGGGCCCCCA	300			
Db	241	TGAGAGATGCTGAGTCTCTGAGACCAAGACACTGGAGACTTCAGAGGGCCCCCA	300			
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Db	301	AAGCCTTAAGTTCGACGACGATGCTGAGAGAGTGTCTTCCAGACCTTTG	360			
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Qy	421	AGCTGCGCCAGAGAAATCTCTGCAAGCCCAAGCTGAGTCTCTGCTGCAAGGC	480			
Db	421	AGCTGCGCCAGAGAAATCTCTGCAAGCCCAAGCTGAGTCTCTGCTGCAAGGC	480			
Qy	481	CAGGACCTGTGACATGAGACAGAGAAAGCAAGCCCAAGCTGCTGGCACT	540			
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RESULT 2
US-60-208-965-90
; Sequence 90, Application US/60208965
; GENERAL INFORMATION:
; APPLICANT: Beasley, Ellen
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS OF THE
; TITLE OF INVENTION: SER/THR AND TYR FAMILY OF KINASES NUCLEIC ACID MOLECULES
; TITLE OF INVENTION: ENCODING THESE HUMAN KINASE PROTEINS, AND USES THEREOF
; FILE REFERENCE: C100639
; CURRENT APPLICATION NUMBER: US/60/208,965


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Db 21927 AGAAGACTTGGACAGTCTAGTCTCAATATGTCCTCCCATTTGAGACAAAGCCCCAGC 21986
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Db 22106 TCCAGAAATAGCTGGAGTTACAGGAGTACACACATGCTGGCTAATTTTTTGTATTTT 22165
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RESULT 4
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; Sequence 6861, Application US/09471275
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Contigs Obtained
; FILE REFERENCE: 782
; CURRENT APPLICATION NUMBER: US/09/471,275
; EARLIER FILING DATE: 1999-12-23
; EARLIER APPLICATION NUMBER: US 09/235,076
; EARLIER FILING DATE: 1999-01-20
; EARLIER APPLICATION NUMBER: US 09/234,611

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; EARLIER FILING DATE: 1999-01-22
; EARLIER APPLICATION NUMBER: US 09/240,371
; EARLIER FILING DATE: 1999-01-29
; EARLIER APPLICATION NUMBER: US 09/277,227
; EARLIER FILING DATE: 1999-03-25
; EARLIER APPLICATION NUMBER: US 09/271,490
; EARLIER FILING DATE: 1999-03-18
; EARLIER APPLICATION NUMBER: US 09/293,972
; EARLIER FILING DATE: 1999-04-15
; EARLIER APPLICATION NUMBER: US 09/274,861
; EARLIER FILING DATE: 1999-03-23
; EARLIER APPLICATION NUMBER: US 60/125,453
; EARLIER FILING DATE: 1999-03-19
; EARLIER APPLICATION NUMBER: US 60/126,605
; EARLIER FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: US 09/306,350
; EARLIER FILING DATE: 1999-05-07
; EARLIER APPLICATION NUMBER: US 09/399,720
; EARLIER FILING DATE: 1999-09-21
; EARLIER APPLICATION NUMBER: US 09/404,284
; EARLIER FILING DATE: 1999-09-21
; EARLIER APPLICATION NUMBER:
; EARLIER FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 10451
; SOFTWARE: pc_ct_genes Version 1.0
; SEQ ID NO 6861
; LENGTH: 1539
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (4)...(683)
; OTHER INFORMATION: similar to g1971251 in the genepep database release 114,
; OTHER INFORMATION: Run with FASTX 3.3f00, default parameters
US-09-471-275-6861

Query Match 36.5%; Score 936; DB 18; Length 1539;
Best Local Similarity 99.9%; Pred. No. 9,4e-144;
Matches 1056; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

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Qy 1056 ACTCAATGGAAGAGCTGACAGCTCCCTCTGTTTCTGAAAGCTGACAGAGGAGGA 1115
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1716 TACCTGAGCAGAGATCTTGGATGTCTCAGAGCTCATGTGACCTCAGAGCAAGAA 1775
1204 TACCTGAGCAGAGATCTTGGATGTCTCAGAGCTCATGTGACCTCAGAGCAAGAA 1263
1776 GACTTGGACAGCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCT 1835
1264 GACTTGGACAGCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCT 1323
1836 TTTCTTTTGTGAGACGAGAGTCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCT 1895
1324 TTTCTTTTGTGAGACGAGAGTCTTGAAGTCTTGAAGTCTTGAAGTCTTGAAGTCT 1382
1896 CTGAGCTCACTGCAACTCTCATCTCTGAGATTCAAACATTTCTCTGCTCAGCTCT 1955
1383 CTGAGCTCACTGCAACTCTCATCTCTGAGATTCAAACATTTCTCTGCTCAGCTCT 1442
1956 AATAGCTGAGATTAAGGCGTGAACACCAATGCTGCTGATTTTGTATTTTATGTA 2015
1443 AATAGCTGAGATTAAGGCGTGAACACCAATGCTGCTGATTTTGTATTTTATGTA 1502
2016 GACATGGGGTTTACACCATTTGGCCAGCTGCTGCTG 2052
1503 GACATGGGGTTTACACCATTTGGCCAGCTGCTGCTG 1539

RESULT 5
US-09-667-550-1915
Sequence 1915, Application US/09867550
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehraban, Foad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
TITLE OF INVENTION: Novel Polynucleotides from Atherogenic Cells and Polypeptides Enc
FILE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867, 550
CURRENT FILING DATE: 2001-09-20
PRIORITY APPLICATION NUMBER: USN 60/208,427
PRIORITY FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1915
LENGTH: 875
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)
OTHER INFORMATION: Wherein n is one of a or t or c or g
US-09-667-550-1915

Query Match 33.8%; Score 868; DB 33; Length 875;
Best Local Similarity 100.0%; Pred. No. 1.3e-132;
Matched 868; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 860 GGATCCAGCTGCTTGAACATGGCTGTATCATCTACCGCGCTCACTTCCCTCAG 919

Db 2 GGATCCAGCTGCTTGAACATGGCTGTATCATCTACCGCGCTCACTTCCCTCAG 61
920 TCCAGGCTCTGTGAGACATTAATCTGAGTGGCGGATGACATCTGTGCTTATCAAG 979
62 TCCAGGCTCTGTGAGACATTAATCTGAGTGGCGGATGACATCTGTGCTTATCAAG 121
980 AGCCCTGTGCTCTGAGAGAGGCTGGCCCGCTCCCTGAGCAAGATATACCTCTACCTGA 1039
122 AGCCCTGTGCTCTGAGAGAGGCTGGCCCGCTCCCTGAGCAAGATATACCTCTACCTGA 181
1040 CTGTGAGAGGACACCACTTCACTGAGAAAGCTGACAGCTCTCTCTGTTTCTGAAG 1099
182 CTGTGAGAGGACACCACTTCACTGAGAAAGCTGACAGCTCTCTCTGTTTCTGAAG 241
1100 CTGTGAGAGGAGAGAGTCTTCTGAGTGAAGTCTCTGAGAGTCTCTGAGAGTCTTCTGA 1159
242 CTGTGAGAGGAGAGAGTCTTCTGAGTGAAGTCTCTGAGAGTCTCTGAGAGTCTTCTGA 301
1160 TCAAGCTGATGACAGAGCTCTCTGAGTGAAGTCTCTGAGAGTCTCTGAGAGTCTTCTGA 1219
302 TCAAGCTGATGACAGAGCTCTCTGAGTGAAGTCTCTGAGAGTCTCTGAGAGTCTTCTGA 361
1220 AGGAGAAACCAAGGCTGACACCTTGAACCCCAATGAGCTCTGAGAGTCTCTGAGAGTCT 1279
362 AGGAGAAACCAAGGCTGACACCTTGAACCCCAATGAGCTCTGAGAGTCTCTGAGAGTCT 421
1280 AGGCTGTGACTCAGAGAGAGAGGCTGAGACACAGAGTGTCTTGAAGTCTTGAAGTCT 1339
422 AGGCTGTGACTCAGAGAGAGAGGCTGAGACACAGAGTGTCTTGAAGTCTTGAAGTCT 481
1340 CCCTGCTCTTCTCTCTTGAAGTGTCTTGAAGTGTCTTGAAGTGTCTTGAAGTGTCTTGA 1399
482 CCCTGCTCTTCTCTCTTGAAGTGTCTTGAAGTGTCTTGAAGTGTCTTGAAGTGTCTTGA 541
1400 CCACTGTGACCTTGTAGTGTGAGTGTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTGAG 1459
542 CCACTGTGACCTTGTAGTGTGAGTGTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTGAG 601
1460 GAGAAATTAAGCTCTCTGAGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAG 1519
602 GAGAAATTAAGCTCTCTGAGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAG 661
1520 CATCTGATGCTCTGCTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAG 1579
662 CATCTGATGCTCTGCTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAGAGTGTGAG 721
1580 CCAAGAGTGAACCAACCTCTGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1639
722 CCAAGAGTGAACCAACCTCTGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 781
1640 TCTGCTTGAAGCAGACCATCTCTGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1699
782 TCTGCTTGAAGCAGACCATCTCTGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 841
1700 AGCTGAGATGATGCTTACCTGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1727
842 AGCTGAGATGATGCTTACCTGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 869

RESULT 6
PCT-US01-42950-107
Sequence 107, Application PC/US0142950
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 21272-096
CURRENT APPLICATION NUMBER: PCT/US01/42950
CURRENT FILING DATE: 2001-11-16
PRIORITY APPLICATION NUMBER: 09/714,936
PRIORITY FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 682
SOFTWARE: Patent In version 3.0

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; SEQ ID NO 107
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54)..(686)
PCT-US01-42850-107
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Query Match      32.3%; Score 829; DB 1; Length 1413;
Best Local Similarity 100.0%; Pred. No. 2.4e-126;
Matches 829; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 996 GAGGGCTGGCCCGCTCCCTGGGCAAGATATACCCCTGACCTGAGCTGAGAGACACC 1055
Db 585 GAGGGCTGGCCCGCTCCCTGGGCAAGATATACCCCTGAGCTGAGAGAGACACC 644
Qy 1056 ACTCACTGGAAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGAGGA 1115
Db 645 ACTCACTGGAAGAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGAGGA 704
Qy 1116 GTCTCTCTCAGTGAAGGCTCTCCGGAGAGTCCCTCAGCTTCAATCAGCTGATGAGA 1175
Db 705 GTCTCTCTCAGTGAAGGCTCTCCGGAGAGTCCCTCAGCTTCAATCAGCTGATGAGA 764
Qy 1176 GAGCTGTCTCTTTGATGATGCTTGAAGCCCAAGAGAGGCCCAAGGGAAAACCAAGCTG 1235
Db 765 GAGCTGTCTCTTTGATGATGCTTGAAGCCCAAGAGAGGCCCAAGGGAAAACCAAGCTG 824
Qy 1236 CACACCTAGAACCCCAATTACAGCTCCCTGGGCAAGAGAGAGAGAGAGAGAGAGAG 1295
Db 825 CACACCTAGAACCCCAATTACAGCTCCCTGGGCAAGAGAGAGAGAGAGAGAGAGAG 884
Qy 1296 GAGGAGAGGAGGAGACACAGAGAGTCTAGAGGCTCCACCTGTAACCTTCTCTTCTC 1355
Db 885 GAGGAGAGGAGGAGACACAGAGAGTCTAGAGGCTCCACCTGTAACCTTCTCTTCTC 944
Qy 1356 TCTTAGCCCTTGAAGATCACTACCTCTTCAAGTCCATGATCCCACTGAGAGAGAG 1415
Db 945 TCTTAGCCCTTGAAGATCACTACCTCTTCAAGTCCATGATCCCACTGAGAGAGAG 1004
Qy 1416 GTGGAGAGTGCAGAGAGAGTGGGACACAGGGGCGAGGTTCCAAAAGAGATAGAGCTCTG 1475
Db 1005 GTGGAGAGTGCAGAGAGAGTGGGACACAGGGGCGAGGTTCCAAAAGAGATAGAGCTCTG 1064
Qy 1476 GGGGGTCTGACCTAGTATGTTCTTGAAGTTGGGGTTTCCAGTACCATCTGGATGCCCTGC 1535
Db 1065 GGGGGTCTGACCTAGTATGTTCTTGAAGTTGGGGTTTCCAGTACCATCTGGATGCCCTGC 1124
Qy 1536 CTGTTAGAGCCCACTTCTACATCCCACTTAAACAGGCCCAACCAAGGTAGAGAA 1595
Db 1125 CTGTTAGAGCCCACTTCTACATCCCACTTAAACAGGCCCAACCAAGGTAGAGAA 1184
Qy 1596 ACCCTAGAGTCAACGAGAAAGTCAATTTTCAAGAAATCTCAAGTCTGTTGAGACACC 1655
Db 1185 ACCCTAGAGTCAACGAGAAAGTCAATTTTCAAGAAATCTCAAGTCTGTTGAGACACC 1244
Qy 1656 ACCATACCTCAAGAGGTAGAGTGTGGCTTGAAGAGGAAAGGAAAGCTGATGATGCTCT 1715
Db 1245 ACCATACCTCAAGAGGTAGAGTGTGGCTTGAAGAGGAAAGGAAAGCTGATGATGCTCT 1304
Qy 1716 TACCGTAGACAGAGATCTTGAAGTGTCCAGGCTCTATGTGACCTCCAGAGCAAGAGAAA 1775
Db 1305 TACCGTAGACAGAGATCTTGAAGTGTCCAGGCTCTATGTGACCTCCAGAGCAAGAGAAA 1364
Qy 1776 GACTTCGAGACAGTCTAGTCTCAAAATGTCCCCCATTTGAGAGCAACAGC 1824
Db 1365 GACTTCGAGACAGTCTAGTCTCAAAATGTCCCCCATTTGAGAGCAACAGC 1413
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RESULT 7
US-09-714-936-120
; Sequence 120, Application US/09714936
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; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Seundi, Vinod
; APPLICANT: Ren, Feiyen
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 797
; CURRENT APPLICATION NUMBER: US/09/714.936
; CURRENT FILING DATE: 2000-11-17
; SOFTWARE: pc FL_genes Version 2.0
; SEQ ID NO 120
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54)..(686)
US-09-714-936-120
```

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Query Match      32.3%; Score 829; DB 28; Length 1413;
Best Local Similarity 100.0%; Pred. No. 2.4e-126;
Matches 829; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 996 GAGGGCTGGCCCGCTCCCTGGGCAAGATATACCCCTGACCTGAGCTGAGAGACACC 1055
Db 585 GAGGGCTGGCCCGCTCCCTGGGCAAGATATACCCCTGAGCTGAGAGAGACACC 644
Qy 1056 ACTCACTGGAAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGAGGA 1115
Db 645 ACTCACTGGAAGAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGAGGA 704
Qy 1116 GTCTCTCTCAGTGAAGGCTCTCCGGAGAGTCCCTCAGCTTCAATCAGCTGATGAGA 1175
Db 705 GTCTCTCTCAGTGAAGGCTCTCCGGAGAGTCCCTCAGCTTCAATCAGCTGATGAGA 764
Qy 1176 GAGCTGTCTCTTTGATGATGCTTGAAGCCCAAGAGAGGCCCAAGGGAAAACCAAGCTG 1235
Db 765 GAGCTGTCTCTTTGATGATGCTTGAAGCCCAAGAGAGGCCCAAGGGAAAACCAAGCTG 824
Qy 1236 CACACCTAGAACCCCAATTACAGCTCCCTGGGCAAGAGAGAGAGAGAGAGAGAGAG 1295
Db 825 CACACCTAGAACCCCAATTACAGCTCCCTGGGCAAGAGAGAGAGAGAGAGAGAGAG 884
Qy 1296 GAGGAGAGGAGGAGACACAGAGAGTCTAGAGGCTCCACCTGTAACCTTCTCTTCTC 1355
Db 885 GAGGAGAGGAGGAGACACAGAGAGTCTAGAGGCTCCACCTGTAACCTTCTCTTCTC 944
Qy 1356 TCTTAGCCCTTGAAGATCACTACCTCTTCAAGTCCATGATGCCAAGCTGACCTCTA 1415
Db 945 TCTTAGCCCTTGAAGATCACTACCTCTTCAAGTCCATGATGCCAAGCTGACCTCTA 1004
Qy 1416 GTGGAGAGTGCAGAGAGAGTGGGACACAGGGGCGAGGTTCCAAAAGAGATAGAGCTCTG 1475
Db 1005 GTGGAGAGTGCAGAGAGAGTGGGACACAGGGGCGAGGTTCCAAAAGAGATAGAGCTCTG 1064
Qy 1476 GGGGGTCTGACCTAGTATGTTCTTGAAGTTGGGGTTTCCAGTACCATCTGATGCTCTGC 1535
Db 1065 GGGGGTCTGACCTAGTATGTTCTTGAAGTTGGGGTTTCCAGTACCATCTGATGCTCTGC 1124
Qy 1536 CTGTTAGAGCCCACTTCTACATCCCACTTAAACAGGCCCAACCAAGGTAGAGAA 1595
Db 1125 CTGTTAGAGCCCACTTCTACATCCCACTTAAACAGGCCCAACCAAGGTAGAGAA 1184
```

QY 1596 ACCCTTAGAGTCAACGAGAAAGTCAATTTTCAGAAAACTTCAAGTCTGTTGAGACACACC 1655
 DB 1185 ACCCTTAGAGTCAACGAGAAAGTCAATTTTCAGAAAACTTCAAGTCTGTTGAGACACACC 1244
 QY 1656 ACCATACCTCAGAGAGTAGAGTGTGGCTAGAGAGAGAAAGAAAGTGAATGATGTCT 1715
 DB 1245 ACCATACCTCAGAGAGTAGAGTGTGGCTAGAGAGAGAAAGAAAGTGAATGATGTCT 1304
 QY 1716 TACCTTAGAGAGAGATCTTGGATGTCTCCAGGCTCTAATGTACCTCCAGAGCAAGAGAGAA 1775
 DB 1305 TACCTTAGAGAGAGATCTTGGATGTCTCCAGGCTCTAATGTACCTCCAGAGCAAGAGAGAA 1364
 QY 1776 GACTTCGAGAGTCTAGGCTCTCAATGTCTCCCAATTTGAGAGCAACAGC 1824
 DB 1365 GACTTCGAGAGTCTAGGCTCTCAATGTCTCCCAATTTGAGAGCAACAGC 1413

RESULT 8
 US-09-814-353-21302
 ; Sequence 21302, Application US/09814353
 ; GENERAL INFORMATION:
 ; APPLICANT: Lee, John
 ; APPLICANT: Thompson, Pamela
 ; APPLICANT: Lillie, James
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 ; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 ; FILE REFERENCE: MRI-006B
 ; CURRENT APPLICATION NUMBER: US/09/814,353
 ; PRIOR FILING DATE: 2001-03-21
 ; PRIOR APPLICATION NUMBER: US 60/191,031
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: US 60/207,124
 ; PRIOR FILING DATE: 2000-05-25
 ; PRIOR APPLICATION NUMBER: US 60/211,940
 ; PRIOR FILING DATE: 2000-06-15
 ; PRIOR APPLICATION NUMBER: US 60/216,820
 ; PRIOR FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: US 60/220,661
 ; PRIOR FILING DATE: 2000-07-25
 ; PRIOR APPLICATION NUMBER: US 60/257,672
 ; PRIOR FILING DATE: 2000-12-21
 ; NUMBER OF SEQ ID NOS: 22037
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 21302
 ; LENGTH: 864
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1, 2, 3, 32, 862, 863, 864
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-814-353-21302

Query Match 30.2%; Score 775; DB 31; Length 864;
 Best Local Similarity 100.0%; Pred. No. 1.7e-117;
 Matches 775; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 19 GCTAGAGCTCCAAAGACCCCAAGCTGTCTCTGTACAGAGCTCAAAAGGCGCTGGCG 78
 DB 54 GCTAGAGCTCCAAAGACCCCAAGCTGTCTCTGTACAGAGCTCAAAAGGCGCTGGCG 113
 QY 79 CTTCCCTCCCTGGCTCGCTGTCTGTGGAGGGTTCCCAAGTCCAGAAATCCCTAAGAGC 138
 DB 114 CTTCCCTCCCTGGCTCGCTGTCTGTGGAGGGTTCCCAAGTCCAGAAATCCCTAAGAGC 173
 QY 139 ATGGGGACATGATCCATCCCTGTGTGTAACTGTGACAGAGCTGAGAGCTGAGACTA 198
 DB 174 ATGGGGACATGATCCATCCCTGTGTGTAACTGTGACAGAGCTGAGAGCTGAGACTA 233
 QY 199 CCCAAACCAACCTTAGGCTCTCTCTGAAAGATCTCCAGAGCTGAGAGAGTTCTGGGTGT 258
 DB 234 CCCAAACCAACCTTAGGCTCTCTCTGAAAGATCTCCAGAGCTGAGAGAGTTCTGGGTGT 293

QY 259 CCTAGAGCAAGAGACACTGGCACTTCCAGAAAGGCGCCCAAGACCTTAACCTGTCCAG 318
 DB 294 CCTAGAGCAAGAGACACTGGCACTTCCAGAAAGGCGCCCAAGACCTTAACCTGTCCAG 353
 QY 319 CCAGAGCATGGGCTCTCAGAGAGCTGTCTTCCCAAGCCTTTGATGACAAACCAATTTCC 378
 DB 354 CCAGAGCATGGGCTCTCAGAGAGCTGTCTTCCCAAGCCTTTGATGACAAACCAATTTCC 413
 QY 379 TCGATGATGTCTTCTGAGTGTCTGTCTGAGAGAAACAATGGAAAGTGTCCAGAGAGAA 438
 DB 414 TCGATGATGTCTTCTGAGTGTCTGTCTGAGAGAAACAATGGAAAGTGTCCAGAGAGAA 473
 QY 439 AAATCTGCCAAGCCCAAGCTTGAGTTCTCTGTCTCAAGGCGAGGACCTGTGACATG 498
 DB 474 AAATCTGCCAAGCCCAAGCTTGAGTTCTCTGTCTCAAGGCGAGGACCTGTGACATG 533
 QY 499 GAAGCAGAGAGAGCAAGGCGCAGCGCTGCGCTGGGCAATTTCCCGGAGAGTGGCCG 558
 DB 534 GAAGCAGAGAGAGCAAGGCGCAGCGCTGCGCTGGGCAATTTCCCGGAGAGTGGCCG 593
 QY 559 GCCGAGCTGTGCTGAGACTCGGGAGAGCAATTGACCATGCTCTGAGATGAGAGACTGG 618
 DB 594 GCCGAGCTGTGCTGAGACTCGGGAGAGCAATTGACCATGCTCTGAGATGAGAGACTGG 653
 QY 619 TGGAGGCTGTCTCTGAGACTCTCAGAGAGAGTATTAATCCCAAGCTTCCAGCTGGCC 678
 DB 654 TGGAGGCTGTCTCTGAGACTCTCAGAGAGAGTATTAATCCCAAGCTTCCAGCTGGCC 713
 QY 679 AAAGTCTCCATGGGTGCTGTATGAGAGGCTGAGCAGGAGAGAAAGCAGAGAACTGTCTG 738
 DB 714 AAAGTCTCCATGGGTGCTGTATGAGAGGCTGAGCAGGAGAGAAAGCAGAGAACTGTCTG 773
 QY 739 TTGTACTCTGGAAACCTTGAGAGGCTTCTCATCCGAGAGAGCAGACAGAGA 793
 DB 774 TTGTACTCTGGAAACCTTGAGAGGCTTCTCATCCGAGAGAGCAGACAGAGA 828

RESULT 9
 US-09-814-353A-21302
 ; Sequence 21302, Application US/09814353A
 ; GENERAL INFORMATION:
 ; APPLICANT: Lee, John
 ; APPLICANT: Thompson, Pamela
 ; APPLICANT: Lillie, James
 ; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
 ; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
 ; FILE REFERENCE: MRI-006B
 ; CURRENT APPLICATION NUMBER: US/09/814,353A
 ; PRIOR FILING DATE: 2001-03-21
 ; PRIOR APPLICATION NUMBER: US 60/191,031
 ; PRIOR FILING DATE: 2000-03-21
 ; PRIOR APPLICATION NUMBER: US 60/207,124
 ; PRIOR FILING DATE: 2000-05-25
 ; PRIOR APPLICATION NUMBER: US 60/211,940
 ; PRIOR FILING DATE: 2000-06-15
 ; PRIOR APPLICATION NUMBER: US 60/216,820
 ; PRIOR FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: US 60/220,661
 ; PRIOR FILING DATE: 2000-07-25
 ; PRIOR APPLICATION NUMBER: US 60/257,672
 ; PRIOR FILING DATE: 2000-12-21
 ; NUMBER OF SEQ ID NOS: 22037
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 21302
 ; LENGTH: 864
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 1, 2, 3, 32, 862, 863, 864
 ; OTHER INFORMATION: n = A,T,C or G

US-09-814-353A-21302

Query Match 30.2%; Score 775; DB 31; Length 864;
Best Local Similarity 100.0%; Pred. No. 1.7e-117;
Matches 775; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 19 GCTAGAGTCCAGAGACCCACGCTGTGCTGAGACAGACCAAGAGGCGCTGGGC 78
D 54 GCTAGAGTCCAGAGACCCACGCTGTGCTGAGACAGACCAAGAGGCGCTGGGC 113
QY 79 CTTCCTCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 138
D 114 CTTCCTCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 173
QY 139 ATGGGGAGCTGATCCATCCCTGATGATCAAACTGCTGCTGCTGCTGCTGCTGCT 198
D 174 ATGGGGAGCTGATCCATCCCTGATGATCAAACTGCTGCTGCTGCTGCTGCTGCT 233
QY 199 CCCAAACCAACACCTGACCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 258
D 234 CCCAAACCAACACCTGACCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 293
QY 259 CCTAGGACCAAGACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 318
D 294 CCTAGGACCAAGACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 353
QY 319 CCAGAGCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 378
D 354 CCAGAGCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 413
QY 379 TCGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 438
D 414 TCGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 473
QY 439 AATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 498
D 474 AATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 533
QY 499 GAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 558
D 534 GAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 593
QY 559 GCGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 618
D 594 GCGGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 653
QY 619 TGAAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 678
D 654 TGAAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 713
QY 679 AAAAGTCTCCATGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 738
D 714 AAAAGTCTCCATGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 773
QY 739 TTGTTACCTGGAAACCTTGGAGGGGCTTCTCTCATCCGGAGAGCCAGACCAAGA 793
D 774 TTGTTACCTGGAAACCTTGGAGGGGCTTCTCTCATCCGGAGAGCCAGACCAAGA 828
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RESULT 10
US-09-649-166-5499
; Sequence 5499, Application US/09649166
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1163-001
; CURRENT APPLICATION NUMBER: US/09/649,166
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/150,607
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ. ID NOS: 6802

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5499
; LENGTH: 873
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-649-166-5499

Query Match 30.0%; Score 770; DB 25; Length 873;
Best Local Similarity 100.0%; Pred. No. 1.1e-116;
Matches 770; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 29 CAAGAGCCCAAGCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 88
D 15 CAAGAGCCCAAGCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 74
QY 89 TGGCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 148
D 75 TGGCTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 134
QY 149 TGATTCATCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 208
D 135 TGATTCATCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 194
QY 209 CACCTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 268
D 195 CACCTAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 254
QY 269 AGGACACTGACAGACTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 328
D 255 AGGACACTGACAGACTTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 314
QY 329 CGCTGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 388
D 315 CGCTGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 374
QY 389 GCTTCTGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 448
D 375 GCTTCTGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 434
QY 449 CAAGCCCAAGCTTGAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 508
D 435 CAAGCCCAAGCTTGAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 494
QY 509 GAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 568
D 495 GAAGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 554
QY 569 CGCTGAGACTCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 628
D 555 CGCTGAGACTCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 614
QY 629 TGTCTGAAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 688
D 615 TGTCTGAAGTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 674
QY 689 ATGGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 748
D 675 ATGGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 734
QY 749 GGAACCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 798
D 735 GGAACCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 784
```

RESULT 11
US-09-652-814-10683
; Sequence 10683, Application US/09652814
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1191-001
; CURRENT APPLICATION NUMBER: US/09/652,814

;; CURRENT FILING DATE: 2000-08-31
;; PRIOR APPLICATION NUMBER: 60/152,109
;; PRIOR FILING DATE: 1999-08-31
;; NUMBER OF SEQ ID NOS: 10797
;; SOFTWARE: FASTSEQ for Windows Version 4.0
;; SEQ ID NO 10683
;; LENGTH: 873
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-652-814-10683

Query Match 30.0%; Score 770; DB 25; Length 873;
Best Local Similarity 100.0%; Pred. No. 1.1e-116;
Matches 770; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 CAAGAGCCCAAGCCTGTGTCTGTGACAGAGCTCAAGAGGCGCTTCCCTCC 88
DB 15 CAAGAGCCCAAGCCTGTGTCTGTGACAGAGCTCAAGAGGCGCTTCCCTCC 74
QY 89 TGGCTGAGCTGTGTGAGAGGCTTCCAGTCCAGATCCCTAAGAGCATGAGGAGC 148
DB 75 TGGCTGAGCTGTGTGAGAGGCTTCCAGTCCAGATCCCTAAGAGCATGAGGAGC 134
QY 149 TGAATCAATCCCTGTGTGACAACTGTGACAGAGAGTCTGAGTCAATCCCAACCA 208
DB 135 TGAATCAATCCCTGTGTGACAACTGTGACAGAGAGTCTGAGTCAATCCCAACCA 194
QY 209 CACCTAGCCTCTCCCTGAGAGTCTCCAGGCTGAGAGTCTGGGTCTCTAGAGCA 268
DB 195 CACCTAGCCTCTCCCTGAGAGTCTCCAGGCTGAGAGTCTGGGTCTCTAGAGCA 254
QY 269 AGGACACTGAGAGCTTCCAGAGGCGCCCAAGCCCTAAGTCTGACAGAGAGATG 328
DB 255 AGGACACTGAGAGCTTCCAGAGGCGCCCAAGCCCTAAGTCTGACAGAGAGATG 314
QY 329 CGTCTGAGAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCCTGATGATG 388
DB 315 CGTCTGAGAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCCTGATGATG 374
QY 389 GCTTCTGAGTGTCTGTGAGAGAAACAATGGAGAGTCCGACAGAGAGAGATCTCTGC 448
DB 375 GCTTCTGAGTGTCTGTGAGAGAAACAATGGAGAGTCCGACAGAGAGAGATCTCTGC 434
QY 449 CAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGAGAGCTGTGACATGAGAGAGAGA 508
DB 435 CAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGAGAGCTGTGACATGAGAGAGAGA 494
QY 509 GAAGCAAGGCAACAGCGTGGCCCTGGAGAGTTCCGAGAGAGTGGCCGCGGCGAGCTGT 568
DB 495 GAAGCAAGGCAACAGCGTGGCCCTGGAGAGTTCCGAGAGAGTGGCCGCGGCGAGCTGT 554
QY 569 CGCTGAGACTCGGGAGAGCATTTGACATCTGTCTGAGAGATGAGAGCTGTGAGAGCTGC 628
DB 555 CGCTGAGACTCGGGAGAGCATTTGACATCTGTCTGAGAGATGAGAGCTGTGAGAGCTGC 614
QY 629 TGTCTGAAGTCTCAGGAGAGATTAATCCAGAGTCCAGAGTCCAGAGTCTCC 688
DB 615 TGTCTGAAGTCTCAGGAGAGATTAATCCAGAGTCTCCAGAGTCTCCAGAGTCTCC 674
QY 689 ATGGGTGCTGTATGAGAGGCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 748
DB 675 ATGGGTGCTGTATGAGAGGCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 734
QY 749 GGAACCTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 798
DB 735 GGAACCTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 784

RESULT 12
US-09-698-013-5767
; Sequence 5767, Application US/09698013
; GENERAL INFORMATION:
; APPLICANT: Gearing, David P.

;; APPLICANT: Comrack, Christopher
;; APPLICANT: Kingsbury, Gillian A.
;; APPLICANT: Holtzman, Douglas A.
;; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
;; FILE REFERENCE: THEREFOR
;; CURRENT APPLICATION NUMBER: US/09/698,013
;; CURRENT FILING DATE: 2000-10-27
;; PRIOR APPLICATION NUMBER: 60/152,360
;; PRIOR FILING DATE: 1999-10-29
;; NUMBER OF SEQ ID NOS: 7935
;; SOFTWARE: FASTSEQ for Windows Version 4.0
;; SEQ ID NO 5767
;; LENGTH: 873
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-698-013-5767

Query Match 30.0%; Score 770; DB 27; Length 873;
Best Local Similarity 100.0%; Pred. No. 1.1e-116;
Matches 770; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 CAAGAGCCCAAGCCTGTGTCTGTGACAGAGCTCAAGAGGCGCTTCCCTCC 88
DB 15 CAAGAGCCCAAGCCTGTGTCTGTGACAGAGCTCAAGAGGCGCTTCCCTCC 74
QY 89 TGGCTGAGCTGTGTGAGAGGCTTCCAGTCCAGATCCCTAAGAGCATGAGGAGC 148
DB 75 TGGCTGAGCTGTGTGAGAGGCTTCCAGTCCAGATCCCTAAGAGCATGAGGAGC 134
QY 149 TGAATCAATCCCTGTGTGACAACTGTGACAGAGAGTCTGAGTCAATCCCAACCA 208
DB 135 TGAATCAATCCCTGTGTGACAACTGTGACAGAGAGTCTGAGTCAATCCCAACCA 194
QY 209 CACCTAGCCTCTCCCTGAGAGTCTCCAGGCTGAGAGTCTGGGTCTCTAGAGCA 268
DB 195 CACCTAGCCTCTCCCTGAGAGTCTCCAGGCTGAGAGTCTGGGTCTCTAGAGCA 254
QY 269 AGGACACTGAGAGCTTCCAGAGGCGCCCAAGCCCTAAGTCTGACAGAGAGATG 328
DB 255 AGGACACTGAGAGCTTCCAGAGGCGCCCAAGCCCTAAGTCTGACAGAGAGATG 314
QY 329 CGTCTGAGAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCCTGATGATG 388
DB 315 CGTCTGAGAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCCTGATGATG 374
QY 389 GCTTCTGAGTGTCTGTGAGAGAAACAATGGAGAGTCCGACAGAGAGAGATCTCTGC 448
DB 375 GCTTCTGAGTGTCTGTGAGAGAAACAATGGAGAGTCCGACAGAGAGAGATCTCTGC 434
QY 449 CAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGAGAGCTGTGACATGAGAGAGAGA 508
DB 435 CAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGAGAGCTGTGACATGAGAGAGAGA 494
QY 509 GAAGCAAGGCAACAGCGTGGCCCTGGAGAGTTCCGAGAGAGTGGCCGCGGCGAGCTGT 568
DB 495 GAAGCAAGGCAACAGCGTGGCCCTGGAGAGTTCCGAGAGAGTGGCCGCGGCGAGCTGT 554
QY 569 CGCTGAGACTCGGGAGAGCATTTGACATCTGTCTGAGAGATGAGAGCTGTGAGAGCTGC 628
DB 555 CGCTGAGACTCGGGAGAGCATTTGACATCTGTCTGAGAGATGAGAGCTGTGAGAGCTGC 614
QY 629 TGTCTGAAGTCTCAGGAGAGATTAATCCAGAGTCCAGAGTCCAGAGTCTCC 688
DB 615 TGTCTGAAGTCTCAGGAGAGATTAATCCAGAGTCTCCAGAGTCTCCAGAGTCTCC 674
QY 689 ATGGGTGCTGTATGAGAGGCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 748
DB 675 ATGGGTGCTGTATGAGAGGCTTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 734
QY 749 GGAACCTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 798
DB 735 GGAACCTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 784

```
RESULT 13
US-09-649-166-5334
; Sequence 5334, Application US/09649166
; GENERAL INFORMATION:
; APPLICANT: Holzman, Douglas A.
; APPLICANT: Shvlian, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1163-001
; CURRENT APPLICATION NUMBER: US/09/649,166
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/150,607
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 6802
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5334
; LENGTH: 909
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(909)
; OTHER INFORMATION: n = A,T,C or G
US-09-649-166-5334

Query Match          28.8%; Score 740; DB 25; Length 909;
Best Local Similarity 100.0%; Pred. No. 8.3e-112;
Matches 740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 CCAAGAGACCCAGCGCTGTCTGTGACAGAGCTCAAGAGGCGCCCTGCGCTCCCTCC
DB 12 CCAAGAGACCCAGCGCTGTCTGTGACAGAGCTCAAGAGGCGCCCTGCGCTCCCTCC
QY 88 CTGGCTGGCTGTCTGTGAGAGGAGTCCCAAGTCCGAATCCCTAAGAGCATGGGCGAG
DB 72 CTGGCTGGCTGTCTGTGAGAGGAGTCCCAAGTCCGAATCCCTAAGAGCATGGGCGAG
QY 148 CTGATCCATCCCTGTGTGTAACAATGTGTAAGTCAAGAGAGTGTGAGCTACCCAAACA
DB 132 CTGATCCATCCCTGTGTGTAACAATGTGTAAGTCAAGAGAGTGTGAGCTACCCAAACA
QY 208 AACCTAGCCTCTCCCTGTAAGATCTCCCAAGGCTGAGAGATTTGGGTGCTCTAGAAC
DB 192 AACCTAGCCTCTCCCTGTAAGATCTCCCAAGGCTGAGAGATTTGGGTGCTCTAGAAC
QY 268 AAGGACACTGGACAGACTTCCAGAGAGGCGCCCAAGGCTTAACTGTCCAGCCAGAGCAT
DB 252 AAGGACACTGGACAGACTTCCAGAGAGGCGCCCAAGGCTTAACTGTCCAGCCAGAGCAT
QY 328 GCGTCTGACAGAGCTGTCTTCCAAAGCCTTTGATGACAAACCAATTTCCCTGATGATG
DB 312 GCGTCTGACAGAGCTGTCTTCCAAAGCCTTTGATGACAAACCAATTTCCCTGATGATG
QY 388 TGCTTCTGAGTGTCTGTGAGAGAAACAATGGGAAGTCTGCGCAGAGAAAGAAATCTGCG
DB 372 TGCTTCTGAGTGTCTGTGAGAGAAACAATGGGAAGTCTGCGCAGAGAAAGAAATCTGCG
QY 448 CCAAGCCCAAGCTTGAAGTCTGTCTGTCAAAGGCTGAGGAGCCTTGACCATGGAAGCAGAG
DB 432 CCAAGCCCAAGCTTGAAGTCTGTCTGTCAAAGGCTGAGGAGCCTTGACCATGGAAGCAGAG
QY 508 AAGAGCAAGGCGACAGCGTGGGCGCTGGGCGAGTTTCCGGGAGGAGGCGCGGCGAGCGT
DB 492 AAGAGCAAGGCGACAGCGTGGGCGAGTTTCCGGGAGGAGGCGCGGCGAGCGT
QY 568 TGGCTGAGACTCGGGAGGCCAATGTAACAATGCTCTTGAAGATGAGACTGCTGAGCGGTG
DB 552 TGGCTGAGACTCGGGAGGCCAATGTAACAATGCTCTTGAAGATGAGACTGCTGAGCGGTG
QY 628 CTGTCTGAAGTCTCAGGACAGAGATTAACCTCCCAAGGCTCAAGTGGGCAAGATGCTCC
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DB 612 CTGTCTGAAGTCTCAGGACAGAGATTAACATCCCAAGCTCAGCTGGCCCAAGTCTCC
QY 688 CATGGGTGGCTGTATGAGAGGCTTGAAGAGAGAAAGAGAACTGTGTTTACTT
DB 672 CATGGGTGGCTGTATGAGAGGCTTGAAGAGAGAAAGAGAACTGTGTTTACTT
QY 748 GGGAAACCTGGAGGGGGCTT 767
DB 732 GGGAAACCTGGAGGGGGCTT 751

RESULT 14
US-09-652-124-8164
; Sequence 8164, Application US/09652124
; GENERAL INFORMATION:
; APPLICANT: Holzman, Douglas A.
; APPLICANT: Weichen, Nadine S.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1179-001
; CURRENT APPLICATION NUMBER: US/09/652,124
; CURRENT FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/151,131
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 9868
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8164
; LENGTH: 909
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(909)
; OTHER INFORMATION: n = A,T,C or G
US-09-652-124-8164

Query Match          28.8%; Score 740; DB 25; Length 909;
Best Local Similarity 100.0%; Pred. No. 8.3e-112;
Matches 740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 28 CCAAGAGACCCAGCGCTGTCTGTGACAGAGCTCAAGAGGCGCCCTGCGCTCCCTCC
DB 12 CCAAGAGACCCAGCGCTGTCTGTGACAGAGCTCAAGAGGCGCCCTGCGCTCCCTCC
QY 88 CTGGCTGGCTGTCTGTGAGAGGAGTCCCAAGTCCGAATCCCTAAGAGCATGGGCGAG
DB 72 CTGGCTGGCTGTCTGTGAGAGGAGTCCCAAGTCCGAATCCCTAAGAGCATGGGCGAG
QY 148 CTGATCCATCCCTGTGTGTAACAATGTGTAAGTCAAGAGAGTGTGAGCTACCCAAACA
DB 132 CTGATCCATCCCTGTGTGTAACAATGTGTAAGTCAAGAGAGTGTGAGCTACCCAAACA
QY 208 AACCTAGCCTCTCCCTGTAAGATCTCCCAAGGCTGAGAGATTTGGGTGCTCTAGAAC
DB 192 AACCTAGCCTCTCCCTGTAAGATCTCCCAAGGCTGAGAGATTTGGGTGCTCTAGAAC
QY 268 AAGGACACTGGACAGACTTCCAGAGAGGCGCCCAAGGCTTAACTGTCCAGCCAGAGCAT
DB 252 AAGGACACTGGACAGACTTCCAGAGAGGCGCCCAAGGCTTAACTGTCCAGCCAGAGCAT
QY 328 GCGTCTGACAGAGCTGTCTTCCAAAGCCTTTGATGACAAACCAATTTCCCTGATGATG
DB 312 GCGTCTGACAGAGCTGTCTTCCAAAGCCTTTGATGACAAACCAATTTCCCTGATGATG
QY 388 TGCTTCTGAGTGTCTGTGAGAGAAACAATGGGAAGTCTGCGCAGAGAAAGAAATCTGCG
DB 372 TGCTTCTGAGTGTCTGTGAGAGAAACAATGGGAAGTCTGCGCAGAGAAAGAAATCTGCG
QY 448 CCAAGCCCAAGCTTGAAGTCTGTCTGTCAAAGGCTGAGGAGCCTTGACCATGGAAGCAGAG
DB 432 CCAAGCCCAAGCTTGAAGTCTGTCTGTCAAAGGCTGAGGAGCCTTGACCATGGAAGCAGAG
QY 508 AAGAGCAAGGCGACAGCGTGGGCGAGTTTCCGGGAGGAGGCGCGGCGAGCGT 567
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Db 492 AGAAGCAAGCCACAGCCCTGGGCGCTTCCGGCAGCTGGCCGACGCTG 551
Qy 568 TCCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 627
Db 552 TCCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 611
Qy 628 CTCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 687
Db 612 CTCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 671
Qy 688 CATGGTGGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGAACTGTGTATCT 747
Db 672 CATGGTGGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGAACTGTGTATCT 731
Qy 748 GGAACCTGTGAGGGGCTT 767
Db 732 GGAACCTGTGAGGGGCTT 751

RESULT 15
US-09-652-814-9203
; Sequence 9203, Application US/09652814
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.1191-001
; CURRENT APPLICATION NUMBER: US/09/652,814
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152,109
; NUMBER OF SEQ ID NOS: 10797
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9203
; LENGTH: 909
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) - (909)
; OTHER INFORMATION: n = A,T,C or G
US-09-652-814-9203

Query Match 28.8%; Score 740; DB 25; Length 909;
Best Local Similarity 100.0%; Pred. No. 8.3e-112;
Matches 740; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 28 CCAAGAACCCACAGCCCTGTGTCTGTGACAGAGCTCAAGGGCCCTGGGCTTCCCTCC 87
Db 12 CCAAGAACCCACAGCCCTGTGTCTGTGACAGAGCTCAAGGGCCCTGGGCTTCCCTCC 71
Qy 88 CTGGCTGGCTGTGTGTGGAGGATCCCAAGTCCCAATCCCTAAGAGCATGGGCGAG 147
Db 72 CTGGCTGGCTGTGTGTGGAGGATCCCAAGTCCCAATCCCTAAGAGCATGGGCGAG 131
Qy 148 CTGATCCATCCCTGTGTGTACAACTGCTGACAGAGCAAGATCTGAGTACCCAAACA 207
Db 132 CTGATCCATCCCTGTGTGTACAACTGCTGACAGAGCAAGATCTGAGTACCCAAACA 191
Qy 208 ACACTTACCTCTCTGAGAGATCTCCAGGCTGAGAGATCTGAGTCTTGAAGACC 267
Db 192 ACACTTACCTCTCTGAGAGATCTCCAGGCTGAGAGATCTGAGTCTTGAAGACC 251
Qy 268 AAGGACACTGGGAGACTTCCAGAAAGGCCCCCAAGCCCTTAACCTTCCAGCAGAGAT 327
Db 252 AAGGACACTGGGAGACTTCCAGAAAGGCCCCCAAGCCCTTAACCTTCCAGCAGAGAT 311
Qy 328 GCGCTTCAGCAGAGCTGTCTTCCAAAGCTTTGATGACAAACCAATTTCCCTGATGATG 387
Db 312 GCGCTTCAGCAGAGCTGTCTTCCAAAGCTTTGATGACAAACCAATTTCCCTGATGATG 371
Qy 388 TGCTTCAGAGTCTCTGCTGAGAGCAATGGGAGTGGCCAGAGAAAGAAATCTCTG 447

Db 372 TGCTTCAGAGTCTCTGCTGAGAGCAATGGGAGTGGCCAGAGAAATTTCTG 431
Qy 448 CCAAGCCCAAGCTTGAATCTCTGTCCAAAGCCAGGAGCTGTGACCATGAGAGAG 507
Db 432 CCAAGCCCAAGCTTGAATCTCTGTCCAAAGCCAGGAGCTGTGACCATGAGAGAG 491
Qy 508 ABAAGCAAGGCGACAGCCGTGGCCCTGGGAGATTTCCGAGAGGAGCCGCGGAGCTG 567
Db 492 ABAAGCAAGGCGACAGCCGTGGCCCTGGGAGATTTCCGAGAGGAGCCGCGGAGCTG 551
Qy 568 TCCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 627
Db 552 TCCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 611
Qy 628 CTCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 687
Db 612 CTCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAGACTGGTGG 671
Qy 688 CATGGTGGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGAACTGTGTATCT 747
Db 672 CATGGTGGCTGTATGAGGCTGTAGCAGGAGAAAGCAGAGAACTGTGTATCT 731
Qy 748 GGAACCTGTGAGGGGCTT 767
Db 732 GGAACCTGTGAGGGGCTT 751

RESULT 16
US-09-867-550-953
; Sequence 953, Application US/09867550
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad.
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; TITLE OF INVENTION: Novel Polynucleotides from Atherogenic Cells and Polypeptides Enc
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

Query Match 27.6%; Score 708; DB 33; Length 763;
Best Local Similarity 99.9%; Pred. No. 1.4e-106;
Matches 758; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 134 GAGAGATGGGGAGCTGATCATCTCTGTGTGTAACAATCTGACTGAGAGAGATGCTG 193
Db 5 GAGAGATGGGGAGCTGATCATCTCTGTGTGTAACAATCTGACTGAGAGAGATGCTG 64
Qy 194 AGTACCCCAACCAACACACTAGCTCTTCTGAAATCTCTCCAGGCTGAGAGATTTCTG 253
Db 65 AGTACCCCAACCAACACACTAGCTCTTCTGAAATCTCTCCAGGCTGAGAGATTTCTG 124
Qy 254 GGTGTCTTGAAGCAAGAGCACTGGCAGAGCTTCCAGAAAGGCCCCCAAGCCCTTAACCTG 313
Db 125 GATGTCTTGAAGCAAGAGCACTGGCAGAGCTTCCAGAAAGGCCCCCAAGCCCTTAACCTG 184
Qy 314 TCCAGCAGAGAGCTGTCTTCCAGAGAGCTGTCTTCCAAAGCTTTGATGACAAACCAAT 373
Db 185 TCCAGCAGAGAGCTGTCTTCCAGAGAGCTGTCTTCCAAAGCTTTGATGACAAACCAAT 244
Qy 374 TTCCCTGATGATGTGCTTCTGAGTCTGTGAGAGCAATGGGAGTGGCCAGAGCA 433

Db 245 TTCCCTGATGATGCTCTCTGAGGCTGCTGAGGAAACAATGGAAAGCTGCCCCAGA 304
Qy 434 GAAAGAAATCTTGCCAGAGCCCAAGCTTGAGTTCTCTGTGCCAAGGCGAGGACCTGTGA 493
Db 305 GAAAGAAATCTTGCCAGAGCCCAAGCTTGAGTTCTCTGTGCCAAGGCGAGGACCTGTGA 364
Qy 494 CCATGSAAGAGAGAGAAACAAGGCAACGCGTGGCCCTGGGAGTTTCCGGGCAAGTG 553
Db 365 CCATGSAAGAGAGAGAAACAAGGCAACGCGTGGCCCTGGGAGTTTCCGGGCAAGTG 424
Qy 554 GCCCGCCGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAG 613
Db 425 GCCCGCCGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCTCTGAGAGATGAG 484
Qy 614 ACTGTTGAGAGGCTGTGCTGAGACTCGAGGAGAGATTAACATCCAGGCTCCAG 673
Db 485 ACTGTTGAGAGGCTGTGCTGAGACTCGAGGAGAGATTAACATCCAGGCTCCAG 544
Qy 674 TGGCCAAAGTCTCCATGGGTGGCTGTATGAGGGGCTTGAGCAGGAGAAAGCAGAGAAC 733
Db 545 TGGCCAAAGTCTCCATGGGTGGCTGTATGAGGGGCTTGAGCAGGAGAAAGCAGAGAAC 604
Qy 734 TGCTGTTGTTACCTGGGAAACCTGGAGGGGCTTCTCTCATCCGGGAGAGCAGACAGGA 793
Db 605 TGCTGTTGTTACCTGGGAAACCTGGAGGGGCTTCTCTCATCCGGGAGAGCAGACAGGA 664
Qy 794 GAGGCTTTACTCTCTGTCACTCCGCTCAGCCGCTGACATCTGAGGAGCGGATGAGAC 853
Db 665 GAGGCTTTACTCTCTGTCACTCCGCTCAGCCGCTGACATCTGAGGAGCGGATGAGAC 724
Qy 854 ACTACAGATTCACCTGCTTGACAATGGCTGGGCTGACA 892
Db 725 ACTACAGATTCACCTGCTTGACAATGGCTGGGCTGACA 763

RESULT 17
US-09-587-218-335
/ Sequence 335, Application US/09587218
/ GENERAL INFORMATION:
/ APPLICANT: Hodgson, David M.
/ APPLICANT: Lincoln, Stephen E.
/ APPLICANT: Russo, Frank D.
/ APPLICANT: Spiro, Peter A.
/ APPLICANT: Banville, Steve C.
/ APPLICANT: Bratcher, Shawn R.
/ APPLICANT: Dufour, Gerard E.
/ APPLICANT: Cohen, Howard J.
/ APPLICANT: Rosen, Bruce
/ APPLICANT: Chalup, Michael S.
/ APPLICANT: Hillman, Jennifer L.
/ APPLICANT: Jones, Anissa L.
/ APPLICANT: Yu, Jimmy Y.
/ APPLICANT: Greenawalt, Lila B.
/ APPLICANT: Panzer, Scott R.
/ APPLICANT: Roseberry, Ann M.
/ APPLICANT: Wright, Rachel J.
/ APPLICANT: Daniels, Susan E.
/ TITLE OF INVENTION: INTRACELLULAR SIGNALING MOLECULES
/ FILE REFERENCE: PT-0027 US
/ CURRENT APPLICATION NUMBER: US/09/587,218
/ PRIOR FILING DATE: 2000-06-01
/ PRIOR APPLICATION NUMBER: US 60/137,258
/ PRIOR FILING DATE: 1999-06-02
/ PRIOR APPLICATION NUMBER: US 60/137,412
/ PRIOR FILING DATE: 1999-06-03
/ PRIOR APPLICATION NUMBER: US 60/147,527
/ PRIOR FILING DATE: 1999-08-05
/ PRIOR APPLICATION NUMBER: US 60/147,542
/ PRIOR FILING DATE: 1999-08-05
/ PRIOR APPLICATION NUMBER: US 60/147,501
/ PRIOR FILING DATE: 1999-08-05
/ PRIOR APPLICATION NUMBER: US 60/147,500

;/ PRIOR FILING DATE: 1999-08-05
;/ NUMBER OF SEQ ID NOS: 585
;/ SOFTWARE: PERL Program
;/ SEQ ID NO 315
;/ LENGTH: 875
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
;/ FEATURE:
;/ NAME/KEY: misc feature
;/ OTHER INFORMATION: Incyte ID No: 474901.1
;/ LOCATION: 318, 333
;/ NAME/KEY: unsure
;/ OTHER INFORMATION: a, t, c, g, or other
US-09-587-218-335

Query Match 27.2%; Score 697; DB 22; Length 875;
Best Local Similarity 99.6%; Pred. No. 8.2e-105;
Matches 847; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 774 CCGGAGAGCCAGACAGAGAGGCTTTACTCTGTCACTCCGCTCAGCCGCTGC 833
Db 1 CCGGAGAGCCAGACAGAGAGGCTTTACTCTGTCACTCCGCTCAGCCGCTGC 60
Qy 834 ATCTGAGAGCCGGATCAGACACTACAGATTCAGCTTGACATGAGCTGTACAT 893
Db 61 ATCTGAGAGCCGGATCAGACACTACAGATTCAGCTTGACATGAGCTGTACAT 120
Qy 894 CTCACCGGCTCACTTCCCTTCACTCCAGGCTCTGTGAGCAATTACTGTGAGC 953
Db 121 CTCACCGGCTCACTTCCCTTCACTCCAGGCTCTGTGAGCAATTACTGTGAGC 180
Qy 954 GGATGATATGCTGCTGCTCACTCAAGAGGCTGTGTCTGTGAGGAGGCTGCTCC 1013
Db 181 GGATGATATGCTGCTGCTCACTCAAGAGGCTGTGTCTGTGAGGAGGCTGCTCC 240
Qy 1014 TGGCAGAGATATACCCCTTACTGTGACTGTGAGAGACACTAATGAGAAAGCT 1073
Db 241 TGGCAGAGATATACCCCTTACTGTGACTGTGAGAGAGACACTAATGAGAAAGCT 300
Qy 1074 GAGAGCTCCCTCTGTTTCTGAGAGGCTGCAAGGAGAGAGCTCTCTGAGTGAAG 1133
Db 301 GAGAGCTCCCTCTGTTTCTGAGAGGCTGCAAGGAGAGAGCTCTCTGAGTGAAG 360
Qy 1134 TCTCCGGAGTCTCTCACTTCTACATCAGCTGATGACAGGCTGTCTTTGATGA 1193
Db 361 TCTCCGGAGTCTCTCACTTCTACATCAGCTGATGACAGGCTGTCTTTGATGA 420
Qy 1194 TGGCTAGGCCCAGAGAGGCCCAGAGGAGAAACCAAGGCTGACACTAGAACCCCAT 1253
Db 421 TGGCTAGGCCCAGAGAGGCCCAGAGGAGAAACCAAGGCTGACACTAGAACCCCAT 480
Qy 1254 TCAGCTCTCTGAGCACCAGAGGCAAGGCTGTGACTCAGAGGAGGAGTGGACACA 1313
Db 481 TCAGCTCTCTGAGCACCAGAGGCAAGGCTGTGACTCAGAGGAGGAGTGGACACA 540
Qy 1314 GAGGTGATCTAGGGGCTCCAGCTGTAACCTGCTCTTCTTCTTCTTCTTCTTCTTCT 1373
Db 541 GAGGTGATCTAGGGTCCCACTGTACCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 600
Qy 1374 ACTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1433
Db 601 ACTACTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 660
Qy 1434 TGGAGACAGGCCCAGGCTTCCAAAGAGATTAAGCTCTGAGGAGGCTGACCTAGTTA 1493
Db 661 TGGAGACAGGCCCAGGCTTCCAAAGAGATTAAGCTCTGAGGAGGCTGACCTAGTTA 720
Qy 1494 GTTCTTGAAGTTGGGTTTCCAGTACATCTGATGCTGTGAGCTTGAAGCTTCTTA 1553
Db 721 GTTCTTGAAGTTGGGTTTCCAGTACATCTGATGCTGTGAGCTTGAAGCTTCTTA 780
Qy 1554 CATCCCACTTAACTCAGGCCCACCAAGGAGTAAACAACCTTGAATCAACGAG 1613


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FEATURE:
NAME/KEY: source
LOCATION: (34)...(826)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes BLOOD
FEATURE:
NAME/KEY: source
LOCATION: (38)...(853)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes BLOOD
FEATURE:
NAME/KEY: source
LOCATION: (305)...(1120)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes BLOOD
FEATURE:
NAME/KEY: source
LOCATION: (1250)...(2189)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes BLOOD
FEATURE:
NAME/KEY: source
LOCATION: (1252)...(2187)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes BLOOD
FEATURE:
NAME/KEY: source
LOCATION: (298)...(778)
OTHER INFORMATION: Variant: 411077, Cluster: 365257, Library: adt. lung LUNG In
FEATURE:
NAME/KEY: source
LOCATION: (878)...(1332)
OTHER INFORMATION: Variant: 314154, Cluster: 276996, Library: leukocytes BLOOD
US-09-457-877-98
```

Query Match 25.4%; Score 651; DB 18; Length 2189;
Best Local Similarity 100.0%; Pred. No. 1.8e-97;
Matches 651; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy 996 GAGGGCTGGCCCTCCCTGGGAGAGATATACCCCTACTGTGACTGTGAGAGGACACC 1055
Dy 585 GAGGGCTGGCCCTCCCTGGGAGAGATATACCCCTACTGTGACTGTGAGAGGACACC 644
Qy 1056 ACTCACTGGAAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGACAGAGGAGGA 1115
Dy 645 ACTCACTGGAAGAGCTGAGACAGCTCCCTCTGTTTCTGAAGCTGACAGAGGAGGA 704
Qy 1116 GTCTTCTTCACTGAGAGGCTCCGAGAGTCCCTCACTTCACTCACTGAGCTGAGCA 1175
Dy 705 GTCTTCTTCACTGAGAGGCTCCGAGAGTCCCTCACTTCACTCACTGAGCTGAGCA 764
Qy 1176 GCGTGTCTTGGATGATGCTTGAAGCCCAAGAGAGGCAAAAGGAAACCAAGGCTG 1235
Dy 765 GCGTGTCTTGGATGATGCTTGAAGCCCAAGAGAGGCAAAAGGAAACCAAGGCTG 824
Qy 1236 CACACCTTGAAGCCCAATTCACCTCCCTGGGACACCCCAAGGCAAGGCTGTGACTCAGG 1295
Dy 825 CACACCTTGAAGCCCAATTCACCTCCCTGGGACACCCCAAGGCAAGGCTGTGACTCAGG 884
Qy 1296 GAGGAGGCTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTCTTCTCTC 1355
Dy 885 GAGGAGGCTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTCTTCTCTC 944
Qy 1356 TCTTAGCCCTTGAAGTCACTACTTCTTCACTGAGTCCATATCCCACTGCACTCTTA 1415
Dy 945 TCTTAGCCCTTGAAGTCACTACTTCTTCACTGAGTCCATATCCCACTGCACTCTTA 1004
Qy 1416 GTGCGAGTGCAGAGAGGTGGAGCCAGGAGGCTTCCAAAAGAGATTAAGCTCTCTG 1475
Dy 1005 GTGCGAGTGCAGAGAGGTGGAGCCAGGAGGCTTCCAAAAGAGATTAAGCTCTCTG 1064
```

```
Qy 1476 GGGGCTGACCTAGTATGTTCTTGAAGTTGGGTTTCAAGTACATCTGATGCCCTGC 1535
Dy 1065 GGGGCTGACCTAGTATGTTCTTGAAGTTGGGTTTCAAGTACATCTGATGCCCTGC 1124
Qy 1536 CTGTTGAGCCCCCATTTCTATCCCCACCATTAACGAGGCCCAACCCCAAGGTAGAAACA 1595
Dy 1125 CTGTTGAGCCCCCATTTCTATCCCCACCATTAACGAGGCCCAACCCCAAGGTAGAAACA 1184
Qy 1596 ACCCTTAGTCAACGAGAAAGTCATTTTCAAGAAATCTTACAGTCTCGTT 1646
Dy 1185 ACCCTTAGTCAACGAGAAAGTCATTTTCAAGAAATCTTACAGTCTCGTT 1235
```

RESULT 20

US-09-952-981-98
Sequence 98, Application US/09952981

```
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: Novel Contigs Obtained
FILE REFERENCE: 20411-779
CURRENT APPLICATION NUMBER: US/09/952,981
PRIORITY FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US/09/457,877
SOFTWARE: Hy-Patent.pl Version 3.1
SEQ ID NO 98
LENGTH: 2189
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(2189)
OTHER INFORMATION: n = A,T,C or G
NAME/KEY: misc.feature
LOCATION: (1682)...(1766)
OTHER INFORMATION: similar to V29031/V29031 in the geneseq database. Run
OTHER INFORMATION: with
OTHER INFORMATION: BLASTN 2.0a19MP-washu, default parameters
NAME/KEY: misc.feature
LOCATION: (1460)...(1843)
OTHER INFORMATION: similar to gb|AF050636|AF050636 in the nt_19990223
OTHER INFORMATION: databases
NAME/KEY: misc.feature
LOCATION: (163)...(541)
OTHER INFORMATION: similar to gb|AA959151|AA959151 in the
OTHER INFORMATION: ddbst.weekly.fasta.
OTHER INFORMATION: 021899 database. Run with BLASTN 2.0a19MP-washu, default par
NAME/KEY: source
LOCATION: (53)...(549)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
NAME/KEY: source
LOCATION: (47)...(518)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
NAME/KEY: source
LOCATION: (33)...(829)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
NAME/KEY: source
LOCATION: (41)...(859)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
NAME/KEY: source
LOCATION: (302)...(1117)
```

```

OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (611)...(1482)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (34)...(826)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (38)...(853)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (305)...(1120)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (1250)...(2189)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (1252)...(2187)
OTHER INFORMATION: Variant: 357166, Cluster: 316964, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
NAME/KEY: source
LOCATION: (298)...(778)
OTHER INFORMATION: Variant: 411077, Cluster: 365257, Library: adt. lung
OTHER INFORMATION: Lung In
OTHER INFORMATION: yltrogen
NAME/KEY: source
LOCATION: (878)...(1332)
OTHER INFORMATION: Variant: 314154, Cluster: 276996, Library: leukocytes
OTHER INFORMATION: BLOOD
OTHER INFORMATION: GIBCO BRL
US-09-952-981-98

```

Query Match 25.4%; Score 651; DB 36; Length 2189;
 Best Local Similarity 100.0%; Pred. No. 1.8e-97;
 Matches 651; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

996 GAGGGCTGGCCCGCTCCCTGGCAAGATATACCTCTGACCTGACAGAGAGACACC 1055
585 GAGGGCTGGCCCGCTCCCTGGCAAGATATACCTCTGACCTGACAGAGAGACACC 644
1056 ACTCACTGAAAGAGCTGACAGCTCCCTCTGTTTCTGAAGCTGCCAGGGAGGA 1115
645 ACTCACTGAAAGAGCTGACAGCTCCCTCTGTTTCTGAAGCTGCCAGGGAGGA 704
1116 GTCTCTTCTGAGTGGGTCTCCGGAGTCCCTCAAGCTTCAATAGCTGAAATGACA 1175
705 GTCTCTTCTGAGTGGGTCTCCGGAGTCCCTCAAGCTTCAATAGCTGAAATGACA 764
1176 GGCTGCTCTTGGATGATGCTTGAAGCCCAAGAGAGAGCCCAAGAGGAAACCAAGCTG 1235
765 GGCTGCTCTTGGATGATGCTTGAAGCCCAAGAGAGAGCCCAAGAGGAAACCAAGCTG 824
1236 CACACCTAGAACCCCAATTCAAGCTCTGGGACCCCAAGAGAGAGAGAGAGAGAGAG 1295
825 CACACCTAGAACCCCAATTCAAGCTCTGGGACCCCAAGAGAGAGAGAGAGAGAGAG 884
1296 GAGGAGAGGTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTTCTCTTC 1355
885 GAGGAGAGGTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTTCTCTTC 944

```

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1356 TCTTAGCCCTTAGAAGTCACTACTTCTTCCAGTCCATGATCCCACTGGACCTCTA 1415
945 TCTTAGCCCTTAGAAGTCACTACTTCTTCCAGTCCATGATCCCACTGGACCTCTA 1004
1416 GTGCGAGTGCAGAGAGAGTGGGACCCAGGGCTTCCAAAAAGAAATAGCTCTG 1475
1005 GTGCGAGTGCAGAGAGAGTGGGACCCAGGGCTTCCAAAAAGAAATAGCTCTG 1064
1476 GGGGCTGACCTAGTACTTCTGAGTTGGGGTTTCCAGTACCATCTGATGCCCTGC 1535
1065 GGGGCTGACCTAGTACTTCTGAGTTGGGGTTTCCAGTACCATCTGATGCCCTGC 1124
1536 CTGTTAGCCCTTACATCTTACATCCCACTTAAACAGGCCCAAGAGTGAAGACA 1595
1125 CTGTTAGCCCTTACATCTTACATCCCACTTAAACAGGCCCAAGAGTGAAGACA 1184
1596 ACCCTTAGAGTCAAGAGAAAGTCAATTTTCAAGAAATCTCAAGTCTGTT 1646
1185 ACCCTTAGAGTCAAGAGAAAGTCAATTTTCAAGAAATCTCAAGTCTGTT 1235

```

```

RESULT 21
US-09-617-526-1434
Sequence 1434, Application US/09617526
GENERAL INFORMATION:
APPLICANT: Gearing, David P.
APPLICANT: Kingsbury, Gillian A.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES DERIVED FROM A
FILE REFERENCE: 1600.1144-001
CURRENT FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/143,991
PRIOR FILING DATE: 1999-07-15
NUMBER OF SEQ ID NOS: 1623
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 1434
LENGTH: 1087
TYPE: DNA
ORGANISM: Homo sapiens
US-09-617-526-1434

```

Query Match 23.9%; Score 614; DB 23; Length 1087;
 Best Local Similarity 99.6%; Pred. No. 2.4e-91;
 Matches 834; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

```

996 GAGGGCTGGCCCGCTCCCTGGCAAGATATACCTCTGACCTGACAGAGACACC 1055
139 GAGGGCTGGCCCGCTCCCTGGCAAGATATACCTCTGACCTGACAGAGACACC 198
1056 ACTCACTGAAAGAGCTGACAGCTCCCTCTGTTTCTGAAGCTGCCAGGGAGGA 1115
199 ACTCACTGAAAGAGCTGACAGCTCCCTCTGTTTCTGAAGCTGCCAGGGAGGA 258
1116 GTCTCTTCTGAGTGGGTCTCCGGAGTCCCTCAAGCTTCAATAGCTGAAATGACA 1175
259 GTCTCTTCTGAGTGGGTCTCCGGAGTCCCTCAAGCTTCAATAGCTGAAATGACA 318
1176 GGCTGCTCTTGGATGATGCTTGAAGCCCAAGAGAGAGCCCAAGAGGAAACCAAGCTG 1235
319 GGCTGCTCTTGGATGATGCTTGAAGCCCAAGAGAGAGCCCAAGAGGAAACCAAGCTG 378
1236 CACACCTAGAACCCCAATTCAAGCTCTGGGACCCCAAGAGAGAGAGAGAGAGAGAG 1295
379 CACACCTAGAACCCCAATTCAAGCTCTGGGACCCCAAGAGAGAGAGAGAGAGAGAG 438
1296 GAGGAGAGGTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTTCTCTTC 1355
439 GAGGAGAGGTGGGACACAGAGGTGATCTAGAGGTCCACCTGTACCTTTCTCTTC 498
1356 TCTTAGCCCTTAGAAGTCACTACTTCTTCCAGTCCATGATCCCACTGGACCTCTA 1415
499 TCTTAGCCCTTAGAAGTCACTACTTCTTCCAGTCCATGATCCCACTGGACCTCTA 558

```


QY 1416 GTGCGAGTGCAGAGAAAGTGGGACCAAGGCCAGGGTTCCAAAAAGAAATTAAGCTCTCG 1475
DB 559 GTGCGAGTGCAGAGAAAGTGGGACCAAGGCCAGGGTTCCAAAAAGAAATTAAGCTCTCG 618
QY 1476 GGGGGGCTGACCTAGTATTGTTGAGTTGGGGTTTCCAGTACCATCTGGAATGCCCTGC 1535
DB 619 GGGGGGCTGACCTAGTATTGTTGAGTTGGGGTTTCCAGTACCATCTGGAATGCCCTGC 678
QY 1536 CTGTTGAG-CCCCATTCTACATCCCAACATTAAACAGGCCCAACCAAGGTAGAAAC 1594
DB 679 CTGTTGAGCCCCCATCTACATCCCAACATTAAACAGGCCCAACCAAGGTAGAAAC 738
QY 1595 AACCCCTAGAGTCAAGAGAAAGTCAATTTTCAGAAAATTAACAGTCCCTGTAAGCAAC 1654
DB 739 AACCCCTAGAGTCAAGAGAAAGTCAATTTTCAGAAAATTAACAGTCCCTGTAAGCAAC 798
QY 1655 CACCATTAAGTCAAGAGTGAAGCTGTGGCTTAAGAGGAAAGAAAGTGAATGTTC 1714
DB 799 CACCATTAAGTCAAGAGTGAAGCTGTGGCTTAAGAGGAAAGAAAGTGAATGTTC 858
QY 1715 TTACCGTAGAGAGAGATCTTGATGTGTCAGAGCTTATGATGACCTCCAGAGCAAAAGAA 1774
DB 859 TTACCGTAGAGAGAGATCTTGATGTGTCAGAGCTTATGATGACCTCCAGAGCAAAAGAA 918
QY 1775 AGACTTCGAGAGTCTAGTCTGCTCAATGTCTCCCAATTGAGAGCAAGCCCAAGCT 1831
DB 919 AGACTTCGAGAGTCTAGTCTGCTCAATGTCTCCCAATTGAGAGCAAGCCCAAGCT 975

RESULT 22
US-09-277-16231/C
; Sequence 16231, Application US/09277227
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-766
; CURRENT APPLICATION NUMBER: US/09/277,227
; CURRENT FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 23680
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16231
; LENGTH: 930
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(930)
; OTHER INFORMATION: n = A,T,C or G
US-09-277-227-16231

Query Match 22.6%; Score 581; DB 16; Length 930;
Best Local Similarity 100.0%; Pred. No. 5.8e-86;
Matches 581; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1923 GGATTCAAAACAATTCCTGCTGCTCAGCTCCAGAAATAGCTGGAGTTACAGGCTACACA 1982
DB 634 GGATTCAAAACAATTCCTGCTGCTCAGCTCCAGAAATAGCTGGAGTTACAGGCTACACA 575
QY 1983 CCATGCTGCTGCTAATTTTGTATTTTATTTAGTACATGGGGTTTCCACCATTTGCGCAG 2042
DB 574 CCATGCTGCTGCTAATTTTGTATTTTATTTAGTACATGGGGTTTCCACCATTTGCGCAG 515
QY 2043 GCTG 2102
DB 514 GCTG 455
QY 2103 ATTACAGGTGAGCCAGGACCCAGGCTTCAAGTCTTATTTTATTTTGTGCTG 2162
DB 454 ATTACAGGTGAGCCAGGACCCAGGCTTCAAGTCTTATTTTATTTTGTGCTG 395
QY 2163 TTACATTCCTTACAGCACTGGGCTTGGCATCTTGTGGCCGAATAAATAACACTCT 2222

DB 394 TTACATTCCTTACAGCACTGGGCTTGGCATCTTGTGGCCGAATAAATAACACTCT 335
QY 2223 TAACTTAGACACTGACGTAGGACCAGGACCTCAGTGTGGGACGGGCTACGAAG 2282
DB 334 TAACTTAGACACTGACGTAGGACCAGGACCTCAGTGTGGGACGGGCTACGAAG 275
QY 2283 TGTAAAGCTCTCTCTCACAATGCGAAGACGACACCTCAACCAATTCAGCTCC 2342
DB 274 TGTAAAGCTCTCTCTCACAATGCGAAGACGACACCTCAACCAATTCAGCTCC 215
QY 2343 TTGATTTCCCTGCTGCTCCTCAATAACAGAAAGGTGTGCTGATCCGCTAAGGATCAG 2402
DB 214 TTGATTTCCCTGCTGCTCCTCAATAACAGAAAGGTGTGCTGATCCGCTAAGGATCAG 155
QY 2403 GGAAGAGAAAGAAAGAGATGGGGTGGAGGACACCCCTCAGTGTCTTACTGATTTCC 2462
DB 154 GGAAGAGAAAGAAAGAGATGGGGTGGAGGACACCCCTCAGTGTCTTACTGATTTCC 95
QY 2463 AAGCTAAGGTGGGTGGAGAGGCTTTATCAGTATCATC 2503
DB 94 AAGCTAAGGTGGGTGGAGAGGCTTTATCAGTATCATC 54

RESULT 23
US-09-909-627-16231/C
; Sequence 16231, Application US/09909627
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-766
; CURRENT APPLICATION NUMBER: US/09/909,627
; CURRENT FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 09/277,227
; PRIOR FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 23680
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 16231
; LENGTH: 930
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(930)
; OTHER INFORMATION: n = A,T,C or G
US-09-909-627-16231

Query Match 22.6%; Score 581; DB 34; Length 930;
Best Local Similarity 100.0%; Pred. No. 5.8e-86;
Matches 581; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1923 GGATTCAAAACAATTCCTGCTGCTCAGCTCCAGAAATAGCTGGAGTTACAGGCTACACA 1982
DB 634 GGATTCAAAACAATTCCTGCTGCTCAGCTCCAGAAATAGCTGGAGTTACAGGCTACACA 575
QY 1983 CCATGCTGCTGCTAATTTTGTATTTTATTTAGTACATGGGGTTTCCACCATTTGCGCAG 2042
DB 574 CCATGCTGCTGCTAATTTTGTATTTTATTTAGTACATGGGGTTTCCACCATTTGCGCAG 515
QY 2043 GCTG 2102
DB 514 GCTG 455
QY 2103 ATTACAGGTGAGCCAGGACCCAGGCTTCAAGTCTTATTTTATTTTGTGCTG 2162
DB 454 ATTACAGGTGAGCCAGGACCCAGGCTTCAAGTCTTATTTTATTTTGTGCTG 395
QY 2163 TTACATTCCTTACAGCACTGGGCTTGGCATCTTGTGGCCGAATAAATAACACTCT 2222
DB 394 TTACATTCCTTACAGCACTGGGCTTGGCATCTTGTGGCCGAATAAATAACACTCT 335
QY 2223 TAACTTAGACACTGACGTAGGACCAGGACCTCAGTGTGGGACGGGCTACGAAG 2282


```

Qy 2415 AAGAGGATGGGCTGGAGGACCCCTTCAAGTCTCTTCTTCCCAAGTCAAGGTTG 2474
Db 143 AAGAGGATGGGCTGGAGGACCCCTTCAAGTCTCTTCTTCCCAAGTCAAGGTTG 84
Qy 2475 GGGTGGGAAAGGCTTTATCAGGTATCATCAACAGGTTCTC 2514
Db 83 GGGTGGGAAAGGCTTTATCAGGTATCATCAACAGGTTCTC 44

```

RESULT 26

```

US-09-347-127-67
; Sequence 67, Application US/09347127
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Contigs Obtained
; TITLE OF INVENTION: From Various Libraries
; FILE REFERENCE: 20411-778
; CURRENT APPLICATION NUMBER: US/09/347,127
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 67
; LENGTH: 1523
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1) .. (1523)
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (333) .. (583)
; OTHER INFORMATION: similar to T63421 in the geneseq database, Run with
; OTHER INFORMATION: BLASTN 2.0a13mp-Washu, default parameters
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (179) .. (642)
; OTHER INFORMATION: similar to gb|U29056|NMU29056 in the nt.19990223 database,
; OTHER INFORMATION: Run with BLASTN 2.0a13mp-Washu, default parameters
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (163) .. (541)
; OTHER INFORMATION: similar to gb|AA959151|AA959151 in the dbEST, weekly, FASTA.
; OTHER INFORMATION: 021899 database, Run with BLASTN 2.0a13mp-Washu, default par
; OTHER INFORMATION: ameters
US-09-347-127-67

```

```

Query Match 22.2%; Score 570; DB 17; Length 1523;
Best Local Similarity 100.0%; Pred. No. 3e-84;
Matches 570; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 362 TGACAAACCAATTTCCCTCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 421
Db 1 TGACAAACCAATTTCCCTCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 60
Qy 422 GTCTGCCAGAGAGAAATCTCTGCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 481
Db 61 GTCTGCCAGAGAGAAATCTCTGCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 120
Qy 482 AGGACCTGTGACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 541
Db 121 AGGACCTGTGACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Qy 542 TCCCGGAGAGTGGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 601
Db 181 TCCCGGAGAGTGGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Qy 602 CTGAGGATGAGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 661
Db 241 CTGAGGATGAGAGCTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
Qy 662 CCAGGCTCAGCTGGCCAAAGTCTCCATGAGGTGGCTGTATGAGGGGCTGAGAGAGAGAG 721

```

```

Db 301 CCACGCTCAGCTGGGCAAAAGTCTCCATGGGTGTGTATGAGGGGCTGAGAGAGAGAG 360
Qy 722 AAGCAGAGAACTGCTGTGTTTACTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 781
Db 361 AAGCAGAGAACTGCTGTGTTTACTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Qy 782 GCCAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 841
Db 421 GCCAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Qy 842 ACCGATCAGACATCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAGAGC 901
Db 481 ACCGATCAGACATCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAGATTCAGAGC 540
Qy 902 GCCTACCTTCCCTCAGCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 931
Db 541 GCCTACCTTCCCTCAGCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 570

```

RESULT 27

```

US-09-905-059-67
; Sequence 67, Application US/09905059
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Contigs Obtained
; TITLE OF INVENTION: From Various Libraries
; FILE REFERENCE: 20411-778
; CURRENT APPLICATION NUMBER: US/09/905,059
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/347,127
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Hy-patent.pl Version 3.1
; SEQ ID NO 67
; LENGTH: 1523
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1) .. (1523)
; OTHER INFORMATION: n = A,T,C or G
; NAME/KEY: misc_feature
; LOCATION: (333) .. (583)
; OTHER INFORMATION: similar to T63421 in the geneseq database, Run with
; OTHER INFORMATION: BLASTN 2.0a13mp-Washu, default parameters
; NAME/KEY: misc_feature
; LOCATION: (179) .. (642)
; OTHER INFORMATION: similar to gb|U29056|NMU29056 in the nt.19990223 database,
; OTHER INFORMATION: Run with BLASTN 2.0a13mp-Washu, default parameters
; NAME/KEY: misc_feature
; LOCATION: (163) .. (541)
; OTHER INFORMATION: similar to gb|AA959151|AA959151 in the dbEST, weekly, FASTA.
; OTHER INFORMATION: 021899 database, Run with BLASTN 2.0a13mp-Washu, default par
; OTHER INFORMATION: ameters
US-09-905-059-67

```

```

Query Match 22.2%; Score 570; DB 34; Length 1523;
Best Local Similarity 100.0%; Pred. No. 3e-84;
Matches 570; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 362 TGACAAACCAATTTCCCTCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 421
Db 1 TGACAAACCAATTTCCCTCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 60
Qy 422 GTCTGCCAGAGAGAAATCTCTGCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 481
Db 61 GTCTGCCAGAGAGAAATCTCTGCGATGATGCTTCTGAGTGTCTGCTGAGGAAACAATGGAA 120
Qy 482 AGGACCTGTGACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 541
Db 121 AGGACCTGTGACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180

```

Oy	542	TCCGCGCAGGTGCGCCGGCGAGACGTGTGCTGAGATCCGGGAGCATTACATGCT	601
Db	181	TCCCGCAGGTGCGCCGGCGAGACGTGTGCTGAGATCCGGGAGCATTACATGCT	249
Oy	602	CTGAGATGAGATCGGTGGACGGTGTCTGTGAATCTTCAGGCAGAGAGTATTAATCC	661
Db	241	CTGAGATGAGATCGGTGGACGGTGTCTGTGAATCTTCAGGCAGAGAGTATTAATCC	300
Oy	662	CCAGCGTCCACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGCAGGGAGA	721
Db	301	CCAGCGTCCACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGCAGGGAGA	360
Oy	722	AACGAGAGGAATCTGTCTTGTAACCTGGGAAACCTGGAAGGGCCCTTCATATCCGGAGA	781
Db	361	AACGAGAGGAATCTGTCTTGTAACCTGGGAAACCTGGAAGGGCCCTTCATATCCGGAGA	420
Oy	782	GCCGACCCAGAGAGGGCTTTAATCTCTGTTCAGTTCGGCCTCAGCGCCCTGCATCTGTGG	841
Db	421	GCCGACCCAGAGAGGGCTTTAATCTCTGTTCAGTTCGGCCTCAGCGCCCTGCATCTGTGG	480
Oy	842	ACCGGATCAGACATACAGGATTCACATGCTCTTGACATGGCTGGCTGATCATTCACCGC	901
Db	481	ACCGGATCAGACATACAGGATTCACATGCTCTTGACATGGCTGGCTGATCATTCACCGC	540
Oy	902	GCTCATCTTCCCTCTCATCTCCAGGCCCTGG	931
Db	541	GCTCATCTTCCCTCTCATCTCCAGGCCCTGG	570

```
Qy 2257 CAGTCTGGGAGGAGGAGATCAGAGGCTCTACGCTCTCTCCACATGCCAAGCGAG 2316
      |||
Db 402 CAGTCTGGGAGGAGGAGATCAGAGGCTCTACGCTCTCTCCACATGCCAAGCGAG 461
      |||
Qy 2317 ACCACAGCTTACCAAAATCCAGCCCTGATTTCCCTGCTGCTGCTCAATTAAGGAAGAG 2376
      |||
Db 462 ACCACAGCTTACCAAAATCCAGCCCTGATTTCCCTGCTGCTGCTCAATTAAGGAAGAG 521
      |||
Qy 2377 GTCTCTGGATCCGCTTACGAGATCAGGAGAGAGAAAGAGGATGGGCTGGAGGAC 2436
      |||
Db 522 GTCTCTGGATCCGCTTACGAGATCAGGAGAGAGAAAGAGGATGGGCTGGAGGAC 581
      |||
Qy 2437 CCCCTCCAGTCTCTACTGTTTCCCAAGCTACAGGAGGAGGAGAAAGCTTTATCAGG 2496
      |||
Db 582 CCCCTCCAGTCTCTACTGTTTCCCAAGCTACAGGAGGAGGAGAAAGCTTTATCAGG 641
      |||
Qy 2497 TATCATCAACAGGTTCTCAATTAAAGATTGATTATTCAGTA 2540
      |||
Db 642 TATCATCAACAGGTTCTCAATTAAAGATTGATTATTCAGTA 685
      |||

RESULT 30
US-09-764-905-1436
; Sequence 1436, Application US/09764905
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC004
; CURRENT APPLICATION NUMBER: US/09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,230
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14

; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,216
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,210
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/226,681
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,759
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; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,213
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/227,182
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,214
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/225,836
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/230,438
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/215,135
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/225,266
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/249,218
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,208
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,213
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,212
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,207
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,245
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,244
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,217
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,211
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,215
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,264
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,214
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/249,297
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/232,400
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/231,242
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/232,081
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/232,080
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/231,414
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/231,244
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/233,064
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/233,063
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,397
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,399
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,401
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/241,808
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,826
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,786
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,221
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,475
; PRIOR FILING DATE: 2000-11-08

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; PRIOR APPLICATION NUMBER: 60/231,243
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/233,065
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/232,398

Query Match      21.1% Score 542; DB 30; Length 705;
Best Local Similarity 99.7%; Pred. No. 1,4e-79;
Matches 642; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1897 TCAGCTCACTGCAACCTCCATCTCTGATTCGAACATTTCTGCTCAGCTCCAGA 1956
DB 42 TCAGCTCACTGCAACCTCCATCTCTGATTCGAACATTTCTGCTCAGCTCCAGA 101
QY 1957 ATAGCTGGGATTTACAGGCGTACACACCATGCTGCTAATTTTTTTTATTTTATG 2016
DB 102 ATAGCTGGGATTTACAGGCGTACACACCATGCTGCTAATTTTTTTTATTTTATG 161
QY 2017 ACATGGGGTTTACACACATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2076
DB 162 ACATGGGGTTTACACACATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 221
QY 2077 CCACCTGGGCTCCCAAGTGGGATTTACAGGCGTACACACCATGCTGCTGCTGCTGCT 2136
DB 222 CCACCTGGGCTCCCAAGTGGGATTTACAGGCGTACACACCATGCTGCTGCTGCTGCT 281
QY 2137 CTCAGATCTTAATTTCAATTTTGTGCTTACCATTTCCCTAGCACACTGGCTTGCATCTT 2196
DB 282 CTCAGATCTTAATTTCAATTTTGTGCTTACCATTTCCCTAGCACACTGGCTTGCATCTT 341
QY 2197 GTGGCGGAATTAATTAACACCTCTTAAGCTAGCACACTGAGGAGGAGGAGGAGGAGG 2256
DB 342 GTGGCGGAATTAATTAACACCTCTTAAGCTAGCACACTGAGGAGGAGGAGGAGGAGG 401
QY 2257 CAGTGTGGGCGAGGGGATCAGAGGCTCTTAAGGCTCTCTCTCAATATGCCAAGAGGAG 2316
DB 402 CAGTGTGGGCGAGGGGATCAGAGGCTCTTAAGGCTCTCTCTCAATATGCCAAGAGGAG 461
QY 2317 ACCACAGCTCAGACCAATCCAGCCCTGATTTCCCTGCTGCTCCTCAATTAACAGAAAG 2376
DB 462 ACCACAGCTCAGACCAATCCAGCCCTGATTTCCCTGCTGCTCCTCAATTAACAGAAAG 521
QY 2377 GTCTGTGGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGTGGAGGAGC 2436
DB 522 GTCTGTGGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGTGGAGGAGC 581
QY 2437 CCCCTCAGTCTCTCTCTGCTTCCCAAGCTACAGGTGGGGTGGGAAAGCTTTATCAG 2496
DB 582 CCCCTCAGTCTCTCTCTGCTTCCCAAGCTACAGGTGGGGTGGGAAAGCTTTATCAG 641
QY 2497 TATCATCAACAGGTTCTCAATTAAGATTTGATTTATCACTA 2540
DB 642 TATCATCAACAGGTTCTCAATTAAGATTTGATTTATCACTA 685

RESULT 31
US-10-092-399-1436
Sequence 1436, Application US/10092399
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC004CI
CURRENT APPLICATION NUMBER: US/10/092,399
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 42506
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1436
LENGTH: 705
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature

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LOCATION: (133)
OTHER INFORMATION: n equals a,t,g, or c
US-10-092-399-1436

Query Match 21.1%; Score 542; DB 39; Length 705;
Best Local Similarity 99.7%; Pred. No. 1,4e-79;
Matches 642; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1897 TCAGCTCACTGCACTCCATCTCTGGATTCAAAACATCTCTGCTCAGGCTCCAGA 1956
1897 TCAGCTCACTGCACTCCATCTCTGGATTCAAAACATCTCTGCTCAGGCTCCAGA 1956
42 TCAGCTCACTGCACTCCATCTCTGGATTCAAAACATCTCTGCTCAGGCTCCAGA 101
1957 ATAGCTGATTACAGCGCTACACCACTCCGCTGCTATTTTGTATTTTATAGT 2016
102 ATAGCTGATTACAGCGCTACACCACTCCGCTGCTATTTTGTATTTTATAGT 161
2017 ACATGGGTTTACACATTTGGCCAGCTGTGTAACCTCTGACCTGAGTGTAC 2076
162 ACATGGGTTTACACATTTGGCCAGCTGTGTAACCTCTGACCTGAGTGTAC 221
2077 CCACCTGGCTCCCAAGTGTGATTAAGGTGAGCCAGCCAGCCAGCTAGCT 2136
222 CCACCTGGCTCCCAAGTGTGATTAAGGTGAGCCAGCCAGCCAGCTAGCT 281
2137 CTGAGATCTTATTTCTTTTGTGCTTACATTCCTGACACATGGCTTGCATTT 2196
282 CTGAGATCTTATTTCTTTTGTGCTTACATTCCTGACACATGGCTTGCATTT 341
2197 GTGGCCGATTAATAAATACACCTCTTAAGTCTAGCACTGAGTGAAGCCAGCACT 2256
342 GTGGCCGATTAATAAATACACCTCTTAAGTCTAGCACTGAGTGAAGCCAGCACT 401
2257 CAGTGTGGGAGGAGGATGAGAGGTGTAAGCCCTCTCCAAAGTCCAAAGAGAG 2316
402 CAGTGTGGGAGGAGGATGAGAGGTGTAAGCCCTCTCCAAAGTCCAAAGAGAG 461
2317 ACCACAGCTACACCAATCCAGCCCTGATTTTCCCTGCTGCTCCATTAACAGAAAAG 2376
462 ACCACAGCTACACCAATCCAGCCCTGATTTTCCCTGCTGCTCCATTAACAGAAAAG 521
2377 GTGCTGTGATCCGCTAAGGATCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2436
522 GTGCTGTGATCCGCTAAGGATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 581
2437 CCCCTCAGTGTCTCTAAGTCCCAAGCTACAGGTGGGGTGAAGAGCTTTATCAG 2496
582 CCCCTCAGTGTCTCTAAGTCCCAAGCTACAGGTGGGGTGAAGAGCTTTATCAG 641
2497 TATCATCAACAGGTTCTCATTAAGATTGATTATTTCAAGTA 2540
642 TATCATCAACAGGTTCTCATTAAGATTGATTATTTCAAGTA 685

RESULT 32
US-09-577-410-7880 Application US/09577410
Sequence 7880, Application US/09577410
GENERAL INFORMATION:
APPLICANT: Gutierrez-Ramos, Jose-Carlos
APPLICANT: Hodge, Martin
APPLICANT: Kingsbury, Gillian
APPLICANT: Mackay, Charles
TITLE OF INVENTION: Nucleic Acid Molecules Derived from
FILE REFERENCE: 5800-32
CURRENT APPLICATION NUMBER: US/09/577,410
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: US 60/135,632
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: US 60/135,633
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: US 60/135,616
PRIOR FILING DATE: 1999-05-24
NUMBER OF SEQ ID NOS: 8991

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 7880
LENGTH: 1358
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(1358)
OTHER INFORMATION: n = A,T,C or G
US-09-577-410-7880

Query Match 20.3%; Score 521; DB 22; Length 1358;
Best Local Similarity 99.7%; Pred. No. 2.9e-76;
Matches 761; Conservative 0; Mismatches 0; Indels 2; Gaps 2;

1071 GGTGACAGCTCCCTCTGTTTCTGAAGCTGCAACAGGAGAGAGTCTTCTAGTGA 1130
221 GGTGACAGCTCCCTCTGTTTCTGAAGCTGCAACAGGAGAGAGTCTTCTAGTGA 280
1131 GGTGCTCCGGAAGTCCCTGAGCTTCTAATCAGCTGAAATGAGAGGCTGCTTTTGA 1190
281 GGTGCTCCGGAAGTCCCTGAGCTTCTAATCAGCTGAAATGAGAGGCTGCTTTTGA 340
1191 TCATGCTAGGCTCCCAAGAGAGGCTCAAAAGGAAACCAAGGCTGCAACCTAGAACCC 1250
341 TCATGCTAGGCTCCCAAGAGAGGCTCAAAAGGAAACCAAGGCTGCAACCTAGAACCC 400
1251 AATTGAGCTTCTGAGGACCCCAAGAGAGGCTGCAACCTAGGAGAGAGGCTGAGAC 1310
401 AATTGAGCTTCTGAGGACCCCAAGAGAGGCTGCAACCTAGGAGAGAGGCTGAGAC 460
1311 ACAGAGGTGATCTAGAGTCCCACTGTACCTTGTCTTTCTCTTGAAGCTTTAGAA 1370
461 ACAGAGGTGATCTAGAGTCCCACTGTACCTTGTCTTTCTCTTGAAGCTTTAGAA 520
1371 GTACACTTCTCTTCAAGTGCATGATCCCACTGCACTCTAGAGGAGAGTGCAGAGA 1430
521 GTACACTTCTCTTCAAGTGCATGATCCCACTGCACTCTAGAGGAGAGTGCAGAGA 580
1431 AGGTGGACACAGGAGGCTTCCAAAAGAAATTAAGCTCTGAGGAGTGTGACTAG 1490
581 AGGTGGACACAGGAGGCTTCCAAAAGAAATTAAGCTCTGAGGAGTGTGACTAG 640
1491 TTAGTCTTGAAGTGGGTTTCCAGTACCATCTGATGAGTGCCTG-CCGTTGAG-CCCA 1548
641 TTAGTCTTGAAGTGGGTTTCCAGTACCATCTGATGAGTGCCTG-CCGTTGAG-CCCA 700
1549 TTCTACATCCCAACATTAACAGGCTCCCAAGGTAGAAAACCTCTAGAGTGA 1608
701 TTCTACATCCCAACATTAACAGGCTCCCAAGGTAGAAAACCTCTAGAGTGA 760
1609 ACGAAGAGTCAATTTTCAAGAAATCTAAGTCCGTTGAGACCAACCACTACTCAGA 1668
761 ACGAAGAGTCAATTTTCAAGAAATCTAAGTCCGTTGAGACCAACCACTACTCAGA 820
1669 AGGTAGACCTGTGCTTCAAGAGGAGAGAGAGAGAGTGAATGTTCTTACCTAGACGA 1728
821 AGGTAGACCTGTGCTTCAAGAGGAGAGAGAGAGTGAATGTTCTTACCTAGACGA 880
1729 GATCTTGATGTCTCAGGCTCTATGTGACCTCCAGAGCAAGAGAGAGAGTCTGAGACGT 1788
881 GATCTTGATGTCTCAGGCTCTATGTGACCTCCAGAGCAAGAGAGAGAGTCTGAGACGT 940
1789 CTAGGCTCAATATGCTCCCAATTAGAGCAACAGCCCAAGCT 1831
941 CTAGGCTCAATATGCTCCCAATTAGAGCAACAGCCCAAGCT 983

RESULT 33
US-09-528-409-53130
Sequence 53130, Application US/09528409
GENERAL INFORMATION:
APPLICANT: Dimañac, Radóje T.

CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 09/528,409
PRIOR FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 116231
SOFTWARE: Hy-Patent: pl Version 3.1
SEQ ID NO 53130
LENGTH: 878
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(878)
OTHER INFORMATION: n = A,T,C or G
US-09-933-524A-53130

Query Match 20.0%; Score 514; DB 35; Length 878;
Best Local Similarity 100.0%; Pred. No. 4.6e-75;
Matches 514; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1052 CACCACTCACTGGAAGAGCTGACAGCTCCCTCTGTTTCTGAGCTGCGACAGGGG 1111
DB 30 CACCACTCACTGGAAGAGCTGACAGCTCCCTCTGTTTCTGAGCTGCGACAGGGG 89
QY 1112 AGGAGTCTTCTCAGTGAAGGCTCCCGGAGTCCCTGAGCTTCTACATCAAGCTGAATG 1171
DB 90 AGGAGTCTTCTCAGTGAAGGCTCCCGGAGTCCCTGAGCTTCTACATCAAGCTGAATG 149
QY 1172 ACAGAGCTGTCTCTTGTGATGATGCTAGGCGCCAAAGAGAGGCCAAAGGAAACCAAG 1231
DB 150 ACAGAGCTGTCTCTTGTGATGATGCTAGGCGCCAAAGAGAGGCCAAAGGAAACCAAG 209
QY 1232 GCTGCAACCTAGAACCCCAATTCAAGCTCCCTGCGGAGCCCAAGAGCAAGGCTGTGCACT 1291
DB 210 GCTGCAACCTAGAACCCCAATTCAAGCTCCCTGCGGAGCCCAAGAGCAAGGCTGTGCACT 269
QY 1292 CAGGAGAGGAGGTGGGACACAGAGGTGATCTAGGCTCCACCTGTAACCTTCTCTTT 1351
DB 270 CAGGAGAGGAGGTGGGACACAGAGGTGATCTAGGCTCCACCTGTAACCTTCTCTTT 329
QY 1352 CCTCTTACGCTTACAGTCACTACTCTTCCAGTGCATGATCCCACTGCGAGC 1411
DB 330 CCTCTTACGCTTACAGTCACTACTCTTCCAGTGCATGATCCCACTGCGAGC 389
QY 1412 TCTAGTGCAGTGCAGAAAGGTGGGACCAAGGCGGAGTTCCAAAGAGATTAACCTT 1471
DB 390 TCTAGTGCAGTGCAGAAAGGTGGGACCAAGGCGGAGTTCCAAAGAGATTAACCTT 449
QY 1472 CTTGGGGGGTCTGACCTAGTATGTTGAGTTGGGTTTCCAGTACCATCTGATGCC 1531
DB 450 CTTGGGGGGTCTGACCTAGTATGTTGAGTTGGGTTTCCAGTACCATCTGATGCC 509
QY 1532 CTGCTGTGAGCCCATTTCTACATCCCAACCAT 1565
DB 510 CTGCTGTGAGCCCATTTCTACATCCCAACCAT 543

RESULT 36

US-09-277-227-16222
Sequence 16222, Application US/09277227
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FILE REFERENCE: 20411-766
CURRENT APPLICATION NUMBER: US/09/277,227
CURRENT FILING DATE: 1999-03-25
NUMBER OF SEQ ID NOS: 23680
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16222
LENGTH: 726
TYPE: DNA
ORGANISM: Homo sapiens
US-09-277-227-16222

Query Match 18.5%; Score 474; DB 16; Length 726;
Best Local Similarity 100.0%; Pred. No. 1.6e-68;
Matches 474; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 475 CAAGGCCAGGACCTGTGACCATGGAAGAGAGAAAGGCAAGGCCAGCCCTGCGCTTG 534
DB 13 CAAGGCCAGGACCTGTGACCATGGAAGAGAGAAAGGCAAGGCCAGCCCTGCGCTTG 72
QY 535 GGCAGTTTCCCGCAGGTGGCGCGGCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 594
DB 73 GGCAGTTTCCCGCAGGTGGCGCGGCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 132
QY 595 ATGCTCTGAGAGTGAAGTGTGTGACGCTGTGCTGTGAACTTCAGGACAGAGATAT 654
DB 133 ATGCTCTGAGAGTGAAGTGTGTGACGCTGTGCTGTGAACTTCAGGACAGAGATAT 192
QY 655 AACATCCCGACGCTCCAGTGTGGCCAAAGTCTCCCATGGGTGGTGTATGAGGGCTGAGC 714
DB 193 AACATCCCGACGCTCCAGTGTGGCCAAAGTCTCCCATGGGTGGTGTATGAGGGCTGAGC 252
QY 715 AGGAGAAACAGAGGAACTGTGTGTACTGTGGAACCTTGAGAGGGCTTCTCTATC 774
DB 253 AGGAGAAACAGAGGAACTGTGTGTACTGTGGAACCTTGAGAGGGCTTCTCTATC 312
QY 775 GGGAGAGCCAGACAGAGAGGCTTTACTCTGTGAGTCCGCTCAGCCGCTTGCA 834
DB 313 GGGAGAGCCAGACAGAGAGGCTTTACTCTGTGAGTCCGCTCAGCCGCTTGCA 372
QY 835 TCTTGGAGCCGATCAGACATACAGATTCATCTGCTTGAATGGCTGGCTGTATATC 894
DB 373 TCTTGGAGCCGATCAGACATACAGATTCATCTGCTTGAATGGCTGGCTGTATATC 432
QY 895 TCACCGGCTCAGCTTCCCTCACTCCAGCCCTGTGTGACATTAATCTGTAG 948
DB 433 TCACCGGCTCAGCTTCCCTCACTCCAGCCCTGTGTGACATTAATCTGTAG 486

RESULT 37

US-09-909-627-16222
Sequence 16222, Application US/09909627
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
FILE REFERENCE: 20411-766
CURRENT APPLICATION NUMBER: US/09/909,627
CURRENT FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 09/277,227
PRIOR FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 23680
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 16222
LENGTH: 726
TYPE: DNA
ORGANISM: Homo sapiens
US-09-909-627-16222

Query Match 18.5%; Score 474; DB 34; Length 726;
Best Local Similarity 100.0%; Pred. No. 1.6e-68;
Matches 474; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 475 CAAGGCCAGGACCTGTGACCATGGAAGAGAGAAAGGCAAGGCCAGCCCTGCGCTTG 534
DB 13 CAAGGCCAGGACCTGTGACCATGGAAGAGAGAAAGGCAAGGCCAGCCCTGCGCTTG 72
QY 535 GGCAGTTTCCCGCAGGTGGCGCGGCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 594
DB 73 GGCAGTTTCCCGCAGGTGGCGCGGCGAGCTGTGCTGAGACTCGGGAGCCATTGACC 132
QY 595 ATGCTCTGAGAGTGAAGTGTGTGACGCTGTGCTGTGAACTTCAGGACAGAGATAT 654
DB 133 ATGCTCTGAGAGTGAAGTGTGTGACGCTGTGCTGTGAACTTCAGGACAGAGATAT 192

Query Match	17.6%	Score 452;	DB 1;	Length 2049;
Best Local Similarity	100.0%	Pred. No. 4, 1e-65;		
Matches 452;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
Oy	372	ATTTCCTCGATGATGTCCTTCTGAGTCTCTGCTGAGAACATGGGAATCTGCCAG	431	
Db	922	ATTTCCTCGATGATGTCCTTCTGAGTCTCTGCTGAGAACATGGGAATCTGCCAG	981	
Oy	432	CAGAGAAATCTCTGCCAACGCCAATCTGATTCCTCTGTCCAAAGCCACGGGAACGT	491	
Db	982	CAGAGAAATCTCTGCCAACGCCAATCTGATTCCTCTGTCCAAAGCCACGGGAACGT	1041	
Oy	492	GACATCGAAGCAGAGAACAGACAGCCACAGCCGTGGCCTTGGCAATTTCCCGACAG	551	
Db	1042	GACATCGAAGCAGAGAACAGACAGCCACAGCCGTGGCCTTGGCAATTTCCCGACAG	1101	
Oy	552	TGGCCCGCGAGCTCTGCTGAGACTCGGGGAGCAATTGACATCGCTCTGAGAGATG	611	
Db	1102	TGGCCCGCGAGCTCTGCTGAGACTCGGGGAGCAATTGACATCGCTCTGAGAGATG	1161	
Oy	612	AACATGCTGACACGCTCTGTCTGAAGTCTCAAGCAGAGAGATTAACTCCCAAGCGTCCA	671	

	Query Match	17.4%	Score 446	DB 181	Length 756
	Best Local Similarity	100.0%	Pred. No. 5e-64		
	Matches 446	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Qy	486	ACCTGTGACCATGAGAAAGAGAGAGAAAGCAAGGCCAGCCGTGCGCCCTCGGGCAGTTTCCC	545		
Db	24	ACCTGTATCAATGAGAGAGAGAGAAAGCAAGGCCAGCCAGCGGCGCCCTGGGCAAGTTTCCC	83		
Qy	546	GCGACGTGTCGCCCGGCGCCGAGCTGTGCTGTGAGACTCGGAGGCCATTGACATCGTCTCTGA	605		
Db	84	GCGACGTGTGCGCCCGGCGCCGAGCTGTGCTGTGAGACTCGGAGGCCATTGACATCGTCTCTGA	143		
Qy	606	GGATGTGAGACTGTGTGTGAGACGGTGTGTCTGTGAAGTCTTCAGGCAGAGATATCAATCTCCAG	665		
Db	144	GGATGTGAGACTGTGTGTGAGACGGTGTGTCTGTGAAGTCTTCAGGCAGAGATATCAATCTCCAG	203		
Qy	666	CGTCACAGTGGCCCAAGTCTCCCATGGGTGCTGTATGAGAGGCCCTGAGAGGAGAAAGC	725		
Db	204	CGTCACAGTGGCCCAAGTCTCCCATGGGTGCTGTATGAGAGGCCCTGAGAGGAGAAAGC	263		
Qy	726	AAGAGAACTGCTGTGTGTTTACTCTGGGAAACCTCTGAGGCGGCTTTCCATTCGCGGAGAGCCA	785		
Db	264	AAGAGAACTGCTGTGTGTTTACTCTGGGAAACCTCTGAGGCGGCTTTCCATTCGCGGAGAGCCA	323		
Qy	786	GACGAGAGAGAGGCTTTACTCTGTGTAGTCCGAGCTCAGCCGAGCCCTGCATCTCTGGGACCG	845		
Db	324	GACGAGAGAGAGGCTTTACTCTGTGTAGTCCGAGCTCAGCCGAGCCCTGCATCTCTGGGACCG	383		
Qy	846	GATCAGACATCACAGATTCACAGCTGACGCTTGGACATATGCTGTGGCTATCATCTCACCGCCCT	905		
Db	384	GATCAGACATCACAGATTCACAGCTGACGCTTGGACATATGCTGTGGCTATCATCTCACCGCCCT	443		
Qy	906	CACCTTCCCTCTCACTCCAGGCGCTTGG	931		
Db	444	CACCTTCCCTCTCACTCCAGGCGCTTGG	469		

Qy 2119 ACGGACCCAGCTAGCTCAGATCTCAATTTGCTTACCATTCCTAGCA 2178
Db 1507 ACGGACCCAGCTAGCTCAGATCTCAATTTGCTTACCATTCCTAGCA 1448
Qy 2179 CACTGGCTTGGCATCTTGGGCGGAAATTAACACCTCTTAAGTACAGACTG 2238
Db 1447 CACTGGCTTGGCATCTTGGGCGGAAATTAACACCTCTTAAGTACAGACTG 1388
Qy 2239 CAGTGAAGCCAGGACCTCAGTCTGGGCGAGGGGATCAGAGTGTCTAAGCCTCTCTC 2298
Db 1387 CAGTGAAGCCAGGACCTCAGTCTGGGCGAGGGGATCAGAGTGTCTAAGCCTCTCTC 1328
Qy 2299 CACAAATGCCAAGACGAGACCAACAGGCTCAACAAATCCAGCCCTTAATTCCTGCTG 2358
Db 1327 CACAAATGCCAAGACGAGACCAACAGGCTCAACAAATCCAGCCCTTAATTCCTGCTG 1268
Qy 2359 CTCCTATTAACAGAAAGAGTCTGCTGATCCGCTAAGGATCAAGGAGAGAAAGAG 2418
Db 1267 CTCCTATTAACAGAAAGAGTCTGCTGATCCGCTAAGGATCAAGGAGAGAAAGAG 1208
Qy 2419 GGATGGGGTGGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGTGGGGT 2478
Db 1207 GGATGGGGTGGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGTGGGGT 1148
Qy 2479 GGGAAAGCTTTATCAGGTATCATCAACAGTCTCAATTAAGATTGATTATTCAG 2538
Db 1147 GGGAAAGCTTTATCAGGTATCATCAACAGTCTCAATTAAGATTGATTATTCAG 1088
Qy 2539 TATGTGAAA 2548
Db 1087 TATGTGAAA 1078

RESULT 43
US-09-534-846B-19157
; Sequence 19157, Application US/09534846B
; GENERAL INFORMATION:
; APPLICANT: Seilhamer, Jeffrey J.
; APPLICANT: Deleane, Angelo M.
; APPLICANT: Stuart, Susan G.
; APPLICANT: Stuve, Laura L.
; APPLICANT: Mullany, Sara J.
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING OR REGULATING GROWTH, DEVELOPMENT, AND
; FILE REFERENCE: PD-1021 CIP
; CURRENT APPLICATION NUMBER: US/09/534,846B
; Prior application data removed - refer to file wrapper or PALM
; NUMBER OF SEQ ID NOS: 38710
; SOFTWARE: PERL Program
; SEQ ID NO 19157
; LENGTH: 428
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; OTHER INFORMATION: Incycle ID No: hu01233438
US-09-534-846B-19157

Query Match 16.7%; Score 428; DB 20; Length 428;
Best Local Similarity 100.0%; Pred. No. 5,7e-61;
Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2119 ACGGACCCAGCTAGCTCAGATCTCAATTTGCTTACCATTCCTAGCA 2178
Db 1 ACGGACCCAGCTAGCTCAGATCTCAATTTGCTTACCATTCCTAGCA 60
Qy 2179 CACTGGCTTGGCATCTTGGGCGGAAATTAACACCTCTTAAGTACAGACTG 2238
Db 61 CACTGGCTTGGCATCTTGGGCGGAAATTAACACCTCTTAAGTACAGACTG 120

Qy 2239 CAGTAGGCCAGGACCTCAGTCTGGGCGAGGGGATCAAGAGTCTAAGCCTCTCTC 2238
Db 121 CAGTAGGCCAGGACCTCAGTCTGGGCGAGGGGATCAAGAGTCTAAGCCTCTCTC 180
Qy 2299 CACAATGCCAAGAGGAGACACAGCCTCAACCAATCCAGCCCTTAATTCCTGCTG 2358
Db 181 CACAATGCCAAGAGGAGACACAGCCTCAACCAATCCAGCCCTTAATTCCTGCTG 240
Qy 2359 CTCCTATTAACAGAAAGAGTCTGCTGATCCGCTAAGGATCAAGGAGAGAAAGAG 2418
Db 241 CTCCTATTAACAGAAAGAGTCTGCTGATCCGCTAAGGATCAAGGAGAGAAAGAG 300
Qy 2419 GGATGGGGTGGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGTGGGGT 2478
Db 301 GGATGGGGTGGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGTGGGGT 360
Qy 2479 GGGAAAGCTTTATCAGGTATCATCAACAGTCTCAATTAAGATTGATTATTCAG 2538
Db 361 GGGAAAGCTTTATCAGGTATCATCAACAGTCTCAATTAAGATTGATTATTCAG 420
Qy 2539 TATGTGAAA 2546
Db 421 TATGTGAAA 428

RESULT 44
US-09-489-036-30791
; Sequence 30791, Application US/09489036
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: Novel Nucleic Acid Sequences Obtained
; FILE REFERENCE: 783
; CURRENT APPLICATION NUMBER: US/09/489,036
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 35324
; SOFTWARE: HY-patent.pl Version 3.1
; SEQ ID NO 30791
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-489-036-30791

Query Match 16.5%; Score 423; DB 18; Length 768;
Best Local Similarity 99.8%; Pred. No. 3e-60;
Matches 473; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 475 CAAGGCCAGGACCTGTGACATGGAACAGAGAGAGCAAGCAGCCGTGGCCCTG 534
Db 13 CAAGGCCAGGACCTGTGACATGGAACAGAGAGAGCAAGCAGCCGTGGCCCTG 72
Qy 535 GGCAGTTTCCGGGAGGTGGCCCGGCGAGCTGTGCTGAGACTTGGGAGCCATTGACC 594
Db 73 GGCAGTTTCCGGGAGGTGGCCCGGCGAGCTGTGCTGAGACTTGGGAGCCATTGACC 132
Qy 595 ATGCTCTGAGAGTGAAGATGCTGACGCTGTCTGAAGTCTCAGCAGAGAGATAT 654
Db 133 ATGCTCTGAGAGTGAAGATGCTGACGCTGTCTGAAGTCTCAGCAGAGAGATAT 192
Qy 655 AACATCCCCAGCGTCCAGCTGGCCAAAGTCTCCATAGGCTGTATGAGGCTGAGC 714
Db 193 AACATCCCCAGCGTCCAGCTGGCCAAAGTCTCCATAGGCTGTATGAGGCTGAGC 252
Qy 715 AGGAGAAAGAGAGAGACTGCTGTTGTAAGTGGAACTCTGAGAGGGGCTTCTCATC 774
Db 253 AGGAGAAAGAGAGAGACTGCTGTTGTAAGTGGAACTCTGAGAGGGGCTTCTCATC 312
Qy 775 CCGGAGAGCCAGACAGAGAGAGCTTTACTCTGTCACTGCTGAGCCGCTGCA 834
Db 313 CCGGAGAGCCAGACAGAGAGAGCTTTACTCTGTCACTGCTGAGCCGCTGCA 372
Qy 835 TCCTGGGACCGGATCAGACACTACAGATCCATGCTGCTTAAGTGGCTGATCATC 894

OY 2128 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 60
OY 2188 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 2247
DB 61 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 120
OY 2248 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 2307
DB 121 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 180
OY 2308 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 2367
DB 181 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 240
OY 2368 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 2427
DB 241 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 300
OY 2428 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 2487
DB 301 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 360
OY 2488 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 2547
DB 361 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 420
OY 2548 A 2548
DB 421 A 421
RESULT 48
US-09-652-126-9976
; Sequence 9976, Application US/09652126
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1185-001
; CURRENT APPLICATION NUMBER: US/09/652.126
; CURRENT FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/151.132
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 10051
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9976
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-652-126-9976
Query Match 16.4%; Score 421; DB 25; Length 1430;
Best Local Similarity 100.0%; Pred. No. 5.1e-60;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 2128 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 60
OY 2188 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 2247
DB 61 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 120
OY 2248 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 2307
DB 121 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 180
OY 2308 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 2367
DB 181 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 240

OY 2368 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 2427
DB 241 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 300
OY 2428 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 2487
DB 301 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 360
OY 2488 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 2547
DB 361 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 420
OY 2548 A 2548
DB 421 A 421
RESULT 49
US-09-652-816-9350
; Sequence 9350, Application US/09652816
; GENERAL INFORMATION:
; APPLICANT: Gutierrez-Ramos, Jose-Carlos
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: 1600.1177-001
; CURRENT APPLICATION NUMBER: US/09/652.816
; CURRENT FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152.111
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 9647
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9350
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-652-816-9350
Query Match 16.4%; Score 421; DB 25; Length 1430;
Best Local Similarity 100.0%; Pred. No. 5.1e-60;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 2128 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTTCATTTTGTGCTTACCATTCCTTAGACACTGCGCT 60
OY 2188 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 2247
DB 61 TGCATCTTGTGGCGAATTAATAATTAACACCTCTTAAGTCTAGACACTGAGTAGGC 120
OY 2248 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 2307
DB 121 CAGGCACTTCACTGCTGGGCGAGGCGATTAAGAGTGTAAAGCCCTCTCTCCAAATGCC 180
OY 2308 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 2367
DB 181 AAGACGAGACCAAGCCTTACACCAATCCAGCCCTTGATTTTCCCTGCTCCATTA 240
OY 2368 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 2427
DB 241 CAGAAAGAGTCTGCTGGATCCGTTAAGGATCAGGAGAGAAAGAGGATGGGGT 300
OY 2428 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 2487
DB 301 GGGAGGACCCCTCCAGTGTCTCTAGTCCCAAGTCAAGTGGGAGGAAAGGC 360
OY 2488 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 2547
DB 361 TTTATCAGTATCATCAACAGGTTCTCAATTAAAGTTGATTTTCAAGTAGTGAA 420
OY 2548 A 2548
DB 421 A 421

```
RESULT 50
US-09-652-914-9615
; Sequence 9615, Application US/09652914
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.1193.001
; CURRENT APPLICATION NUMBER: US/09/652.914
; CURRENT FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152,112
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 9677
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9615
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-652-914-9615

Query Match          16.4%; Score 421; DB 25; Length 1430;
Best Local Similarity 100.0%; Pred. No. 5.1e-60;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2128 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 2187
Db 1 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 60
Qy 2188 TGGCATCTTGCGCGGATTAATAAATACACTCTTAAGCTAGCACTGAGAGG 2247
Db 61 TGGCATCTTGCGCGGATTAATAAATACACTCTTAAGCTAGCACTGAGAGG 120
Qy 2248 CAGGACCTGAGTGTGGGCGAGGGGATGAGAGGCTCTTCTCTCAAAATGCC 2307
Db 121 CAGGACCTGAGTGTGGGCGAGGGGATGAGAGGCTCTTCTCTCAAAATGCC 180
Qy 2308 AAGACGGAGACCAAGCTACACCAATCCAGCCCTTGATTCCTGCTGCTCATMA 2367
Db 181 AAGACGGAGACCAAGCTACACCAATCCAGCCCTTGATTCCTGCTGCTCATMA 240
Qy 2368 CAGAAAGAGCTTGTGTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGCT 2427
Db 241 CAGAAAGAGCTTGTGTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGCT 300
Qy 2428 GGGAGGACACCCCTCCAGTGTCTCTAAGCTACAGAGTGGGGTGGGAAAGGC 2487
Db 301 GGGAGGACACCCCTCCAGTGTCTCTAAGCTACAGAGTGGGGTGGGAAAGGC 360
Qy 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTTTATTTCAAGTATGAAA 2547
Db 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTTTATTTCAAGTATGAAA 420
Qy 2548 A 2548
Db 421 A 421

RESULT 51
US-09-698-010-15270
; Sequence 15270, Application US/09698010
; GENERAL INFORMATION:
; APPLICANT: Williamson, Mark
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.2029.001
; CURRENT APPLICATION NUMBER: US/09/698.010
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/162,358
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 15684
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 15270
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-698-010-15270

Query Match          16.4%; Score 421; DB 27; Length 1430;
Best Local Similarity 100.0%; Pred. No. 5.1e-60;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2128 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 2187
Db 1 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 60
Qy 2188 TGGCATCTTGCGCGGATTAATAAATACACTCTTAAGCTAGCACTGAGAGG 2247
Db 61 TGGCATCTTGCGCGGATTAATAAATACACTCTTAAGCTAGCACTGAGAGG 120
Qy 2248 CAGGACCTGAGTGTGGGCGAGGGGATGAGAGGCTCTTCTCTCAAAATGCC 2307
Db 121 CAGGACCTGAGTGTGGGCGAGGGGATGAGAGGCTCTTCTCTCAAAATGCC 180
Qy 2308 AAGACGGAGACCAAGCTACACCAATCCAGCCCTTGATTCCTGCTGCTCATMA 2367
Db 181 AAGACGGAGACCAAGCTACACCAATCCAGCCCTTGATTCCTGCTGCTCATMA 240
Qy 2368 CAGAAAGAGCTTGTGTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGCT 2427
Db 241 CAGAAAGAGCTTGTGTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGCT 300
Qy 2428 GGGAGGACACCCCTCCAGTGTCTCTAAGCTACAGAGTGGGGTGGGAAAGGC 2487
Db 301 GGGAGGACACCCCTCCAGTGTCTCTAAGCTACAGAGTGGGGTGGGAAAGGC 360
Qy 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTTTATTTCAAGTATGAAA 2547
Db 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTTTATTTCAAGTATGAAA 420
Qy 2548 A 2548
Db 421 A 421

RESULT 52
US-09-698-014-5921
; Sequence 5921, Application US/09698014
; GENERAL INFORMATION:
; APPLICANT: Gearing, David P.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Kingsbury, Gillian A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.2014.001
; CURRENT APPLICATION NUMBER: US/09/698.014
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: 60/162,363
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 6098
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5921
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-698-014-5921

Query Match          16.4%; Score 421; DB 27; Length 1430;
Best Local Similarity 100.0%; Pred. No. 5.1e-60;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2128 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 2187
Db 1 AGCTAGCTCTGAGATCTCTATTCTTTGTCCTTACCATTCCTGACACTGGCCT 60
```

QY 2188 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 2247
 DB 61 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 120
 QY 2248 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 2307
 DB 121 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 180
 QY 2308 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 2367
 DB 181 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 240
 QY 2368 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 2427
 DB 241 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 300
 QY 2428 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 2487
 DB 301 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 360
 QY 2488 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 2547
 DB 361 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 420
 QY 2548 A 2548
 DB 421 A 421

RESULT 53

US-09-700-000-5394
 ; Sequence 5394, Application US/09700000
 ; GENERAL INFORMATION:

APPLICANT: Richardson, Jennifer
 APPLICANT: Shyjan, Andrew W.
 TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
 FILE REFERENCE: 1600, 2022-001
 CURRENT APPLICATION NUMBER: US/09/700,000
 PRIOR FILING DATE: 2000-10-30
 PRIOR APPLICATION NUMBER: 60/162,619
 NUMBER OF SEQ ID NOS: 7171
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 5394
 LENGTH: 1430
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-700-000-5394

Query Match

Best Local Similarity 100.0%; Score 421; DB 28; Length 1430;
 Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTTACCTCTCAGATCTCTATTCTTTTGTGCTTACCTCCCTAGACACTGGGCT 2187
 DB 1 AGCTTACCTCTCAGATCTCTATTCTTTTGTGCTTACCTCCCTAGACACTGGGCT 60
 QY 2188 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 2247
 DB 61 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 120
 QY 2248 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 2307
 DB 121 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 180
 QY 2308 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 2367
 DB 181 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 240
 QY 2368 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 2427
 DB 241 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 300

QY 2428 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 2487
 DB 301 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 360
 QY 2488 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 2547
 DB 361 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 420
 QY 2548 A 2548
 DB 421 A 421

RESULT 54

US-09-717-350-4632
 ; Sequence 4632, Application US/09717350
 ; GENERAL INFORMATION:

APPLICANT: Gearing, David P.
 APPLICANT: Villaveja, Jean-Luc
 APPLICANT: Fraser, Christopher C.
 TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
 FILE REFERENCE: 1600, 2034-001
 CURRENT APPLICATION NUMBER: US/09/717,350
 PRIOR FILING DATE: 2000-11-21
 PRIOR APPLICATION NUMBER: 60/167,885
 NUMBER OF SEQ ID NOS: 5955
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 4632
 LENGTH: 1430
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-717-350-4632

Query Match

Best Local Similarity 100.0%; Score 421; DB 28; Length 1430;
 Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTTACCTCTCAGATCTCTATTCTTTTGTGCTTACCTCCCTAGACACTGGGCT 2187
 DB 1 AGCTTACCTCTCAGATCTCTATTCTTTTGTGCTTACCTCCCTAGACACTGGGCT 60
 QY 2188 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 2247
 DB 61 TGCATCTTGTGCGCCGAAATTAACACCTCTTAAGTCAGACACTGCAAGGCG 120
 QY 2248 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 2307
 DB 121 CAGGACCTCTAGTGTGGCAGGGGATCAGAAAGTGTAAAGCCCTCTCTCCAAATGCG 180
 QY 2308 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 2367
 DB 181 AAGACGGAGACCAAGCTTACCAAAATCCAGCCCTTGAATTTCCCTGCTCTCCATAA 240
 QY 2368 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 2427
 DB 241 CAGAAAGAGTGTGCTGATCCGCTAAGGATCAGGAGAGGAAAGAGGATGGGT 300
 QY 2428 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 2487
 DB 301 GGGAGGACCCCCCTCCAGTGTCTTACCTGCTCCCAAGCTTACAGTGTGGGAAAGCG 360
 QY 2488 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 2547
 DB 361 TTTATCAGTATCATCAAGGTTCTCAATTAAGATTGATTATTCAGTATGTGAAA 420
 QY 2548 A 2548
 DB 421 A 421


```
RESULT 55
US-09-721-588-5028
; Sequence 5028, Application US/09721588
; GENERAL INFORMATION:
; APPLICANT: Gearing, David P.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Villevall, Jean-Luc
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.2046-001
; CURRENT APPLICATION NUMBER: US/09/721,588
; CURRENT FILING DATE: 2000-11-22
; PRIOR APPLICATION NUMBER: 60/167,381
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 5410
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5028
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-721-588-5028

Query Match
Best Local Similarity 100.0%; Score 421; DB 29; Length 1430;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 60
QY 2188 TGGCATCTTGCGCGAATATAAATACACCTCTTAAGCTAGCACTGAGAGG 2247
DB 61 TGGCATCTTGCGCGAATATAAATACACCTCTTAAGCTAGCACTGAGAGG 120
QY 2248 CAGGACCTCAGTCTGCGGAGGAGGATCAGAGGCTCTAAGCCTCTCTCAATGCC 2307
DB 121 CAGGACCTCAGTCTGCGGAGGAGGATCAGAGGCTCTAAGCCTCTCTCAATGCC 180
QY 2308 AAGACGAGACACAGGCTCAGCAATACCAAGCCTTGATTTCCCTGCTGCTCATATA 2367
DB 181 AAGACGAGACACAGGCTCAGCAATACCAAGCCTTGATTTCCCTGCTGCTCATATA 240
QY 2368 CAGAAAGAGTCTGCTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGT 2427
DB 241 CAGAAAGAGTCTGCTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGT 300
QY 2428 GGGAGGACACCCCTCAGTCTCTCTAAGCTAGCTAGCTAGCTAGCTAGCTAGCT 2487
DB 301 GGGAGGACACCCCTCAGTCTCTCTAAGCTAGCTAGCTAGCTAGCTAGCTAGCT 360
QY 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTTTCAAGTATGTAAA 2547
DB 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTTTCAAGTATGTAAA 420
QY 2548 A 2548
DB 421 A 421

RESULT 56
US-09-726-788-7475
; Sequence 7475, Application US/09726788
; GENERAL INFORMATION:
; APPLICANT: Gearing, David P.
; APPLICANT: Kingsbury, Gillian A.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.2051-001
; CURRENT APPLICATION NUMBER: US/09/726,788
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/168,131
; PRIOR FILING DATE: 1999-11-30
; NUMBER OF SEQ ID NOS: 7691

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7475
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-726-804-2161

Query Match
Best Local Similarity 100.0%; Score 421; DB 29; Length 1430;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 60
QY 2188 TGGCATCTTGCGCGAATATAAATACACCTCTTAAGCTAGCACTGAGAGG 2247
DB 61 TGGCATCTTGCGCGAATATAAATACACCTCTTAAGCTAGCACTGAGAGG 120
QY 2248 CAGGACCTCAGTCTGCGGAGGAGGATCAGAGGCTCTAAGCCTCTCTCAATGCC 2307
DB 121 CAGGACCTCAGTCTGCGGAGGAGGATCAGAGGCTCTAAGCCTCTCTCAATGCC 180
QY 2308 AAGACGAGACACAGGCTCAGCAATACCAAGCCTTGATTTCCCTGCTGCTCATATA 2367
DB 181 AAGACGAGACACAGGCTCAGCAATACCAAGCCTTGATTTCCCTGCTGCTCATATA 240
QY 2368 CAGAAAGAGTCTGCTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGT 2427
DB 241 CAGAAAGAGTCTGCTGATCCCTTAAGGATCAGGAGAGGAAAGAGGATGGGGT 300
QY 2428 GGGAGGACACCCCTCAGTCTCTCTAAGCTAGCTAGCTAGCTAGCTAGCTAGCT 2487
DB 301 GGGAGGACACCCCTCAGTCTCTCTAAGCTAGCTAGCTAGCTAGCTAGCTAGCT 360
QY 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTTTCAAGTATGTAAA 2547
DB 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTTTCAAGTATGTAAA 420
QY 2548 A 2548
DB 421 A 421

RESULT 57
US-09-726-804-2161
; Sequence 2161, Application US/09726804
; GENERAL INFORMATION:
; APPLICANT: Gutierrez-Ramos, Jose-Carlos
; APPLICANT: Weich, Nadine S.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES
; FILE REFERENCE: 1600.2024-001
; CURRENT APPLICATION NUMBER: US/09/726,804
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/168,011
; PRIOR FILING DATE: 1999-11-30
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2161
; LENGTH: 1430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-726-804-2161

Query Match
Best Local Similarity 100.0%; Score 421; DB 29; Length 1430;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 2187
DB 1 AGCTAGCTCTCAGATCTCTATTCTATTTGCTTACCTTCCCTGACACTGAGCT 60
```

QY 2188 TCCCATCTTGTGGCCGAATTAACCTTTAACTAGACACTGCACTGAGGC 2247
DB 61 TCCCATCTTGTGGCCGAATTAACCTTTAACTAGACACTGCACTGAGGC 120
QY 2248 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 2307
DB 121 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 180
QY 2308 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 2367
DB 181 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 240
QY 2368 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 2427
DB 241 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 300
QY 2428 GGGAGGACCCCTCCAGTGTCTCTAAGTTCAGAGTGTGGTGGAAAGGC 2487
DB 301 GGGAGGACCCCTCCAGTGTCTCTAAGTTCAGAGTGTGGTGGAAAGGC 360
QY 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAGTTTATTCAGATGTGAAA 2547
DB 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAGTTTATTCAGATGTGAAA 420
QY 2548 A 2548
DB 421 A 421

RESULT 58

US-09-726-806-6058

; Sequence 6058, Application US/09726806

; GENERAL INFORMATION:

; APPLICANT: Galvin, Katherine

; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES

; FILE OF INVENTION: THEREFOR

; CURRENT APPLICATION NUMBER: 1600.2028-001

; PRIOR FILING DATE: 2000-11-30

; PRIOR APPLICATION NUMBER: 60/168,135

; NUMBER OF SEQ ID NOS: 6283

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 6058

; LENGTH: 1430

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-726-806-6058

Query Match

16.4%; Score 421; DB 29; Length 1430;

Best Local Similarity 100.0%; Pred. No. 5.1e-60;

Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTTACCTCTCAGATCTCTATTTCATTTTGTGGCTTACATTCCTCCAGACACTGGCT 2187
DB 1 AGCTTACCTCTCAGATCTCTATTTCATTTTGTGGCTTACATTCCTCCAGACACTGGCT 60
QY 2188 TGGCATCTGTGGCCGAATTAACCTTTAAGTGTGACACTGCACTGAGGC 2247
DB 61 TGGCATCTGTGGCCGAATTAACCTTTAAGTGTGACACTGCACTGAGGC 120
QY 2248 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 2307
DB 121 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 180
QY 2308 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 2367
DB 181 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 240
QY 2368 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 2427
DB 241 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 300

RESULT 59

US-09-726-807-2899

; Sequence 2899, Application US/09726807

; GENERAL INFORMATION:

; APPLICANT: Gearing, David P.

; APPLICANT: Holzman, Douglas A.

; APPLICANT: Kingsbury, Gillian A.

; TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES

; FILE OF INVENTION: THEREFOR

; CURRENT APPLICATION NUMBER: 1600.2053-001

; PRIOR FILING DATE: 2000-11-30

; PRIOR APPLICATION NUMBER: 60/168,040

; NUMBER OF SEQ ID NOS: 4076

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 2899

; LENGTH: 1430

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-726-807-2899

Query Match

16.4%; Score 421; DB 29; Length 1430;

Best Local Similarity 100.0%; Pred. No. 5.1e-60;

Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2128 AGCTTACCTCTCAGATCTCTATTTCATTTTGTGGCTTACATTCCTCCAGACACTGGCT 2187
DB 1 AGCTTACCTCTCAGATCTCTATTTCATTTTGTGGCTTACATTCCTCCAGACACTGGCT 60
QY 2188 TGGCATCTGTGGCCGAATTAACCTTTAAGTGTGACACTGCACTGAGGC 2247
DB 61 TGGCATCTGTGGCCGAATTAACCTTTAAGTGTGACACTGCACTGAGGC 120
QY 2248 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 2307
DB 121 CAGGACCTCTAGTGTGGCCAGGGGATCAGAAAGTGTGAAGCCCTCTCCCAATGCG 180
QY 2308 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 2367
DB 181 AAGACGAGACACACAGCTTACACCAATTCAGCCCTTGAATTTCCCTGCTCCATAA 240
QY 2368 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 2427
DB 241 CAGAAAGAGTCTGTGATCCGCTAAGAGATCAGGAGAGAAAGAAAGGATGGGT 300
QY 2428 GGGAGGACCCCTCCAGTGTCTCTAAGTTCAGAGTGTGGTGGAAAGGC 2487
DB 301 GGGAGGACCCCTCCAGTGTCTCTAAGTTCAGAGTGTGGTGGAAAGGC 360
QY 2488 TTTATCAGGTATCATCAACAGGTTCTCAATTAAGTTTATTCAGATGTGAAA 2547
DB 361 TTTATCAGGTATCATCAACAGGTTCTCAATTAAGTTTATTCAGATGTGAAA 420
QY 2548 A 2548
DB 421 A 421

RESULT 60

Tue Apr 1 06:01:16 2003

us-09-988-971-1.01igo.tmp

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US-09-726-811-4086

Sequence 4086, Application US/09726811

GENERAL INFORMATION:

APPLICANT: Gutierrez-Ramos, Jose-Carlos

APPLICANT: Welch, Nadine S.

APPLICANT: Wen, Dany

TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES

TITLE OF INVENTION: THEREFOR

FILE REFERENCE: 1600.2027-001

CURRENT APPLICATION NUMBER: US/09/726,811

PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: 60/168,136

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 4086

LENGTH: 1430

TYPE: DNA

ORGANISM: Homo sapiens

US-09-726-811-4086

Query Match

Best Local Similarity 100.0%; Score 421; DB 29; Length 1430;

Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2128 AGCCAGCTCTCAGATCTCTATTTCATTTTGGCTTACCAATCCCTAGACACTGGCCT 2187

1 AGCCAGCTCTCAGATCTCTATTTCATTTTGGCTTACCAATCCCTAGACACTGGCCT 60

2188 TCCATCTTTGGCCGCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 2247

61 TCCATCTTTGGCCGCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 120

2248 CAGGACCTCTAGTCTGGGCGAGGCGCATCAGAAAGTGCTTAAGCCCTCTCTCCAAATGCC 2307

121 CAGGACCTCTAGTCTGGGCGAGGCGCATCAGAAAGTGCTTAAGCCCTCTCTCCAAATGCC 180

2308 AAGACGAGACCAACGCTTACCAATCCAGCCCTTGAATTCCTGCTGCTCCATTA 2367

181 AAGACGAGACCAACGCTTACCAATCCAGCCCTTGAATTCCTGCTGCTCCATTA 240

2368 CAGAAAGAGTCTGCTGATCCGCTAAGGATCAGGAGAGAGAAAGAGGATGGGT 2427

241 CAGAAAGAGTCTGCTGATCCGCTAAGGATCAGGAGAGAGAAAGAGGATGGGT 300

2428 GGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGGTGGGTGGGAAAGGC 2487

301 GGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGGTGGGTGGGAAAGGC 360

2488 TTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTATCAAGTATGAAA 2547

361 TTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTATCAAGTATGAAA 420

2548 A 2548

421 A 421

RESULT 61

US-09-736-119-1559

Sequence 1559, Application US/09736119

GENERAL INFORMATION:

APPLICANT: Gearing, David P.

APPLICANT: Frazer, Christopher C.

TITLE OF INVENTION: NOVEL NUCLEIC ACID MOLECULES AND USES

TITLE OF INVENTION: THEREFOR

FILE REFERENCE: 1600.2047-001

CURRENT APPLICATION NUMBER: US/09/736,119

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 60/170,468

PRIOR FILING DATE: 1999-12-13

NUMBER OF SEQ ID NOS: 2118

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1559

LENGTH: 1430

TYPE: DNA

ORGANISM: Homo sapiens

US-09-736-119-1559

Query Match

Best Local Similarity 100.0%; Score 421; DB 29; Length 1430;

Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2128 AGCCAGCTCTCAGATCTCTATTTCATTTTGGCTTACCAATCCCTAGACACTGGCCT 2187

1 AGCCAGCTCTCAGATCTCTATTTCATTTTGGCTTACCAATCCCTAGACACTGGCCT 60

2188 TCCATCTTTGGCCGCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 2247

61 TCCATCTTTGGCCGCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 120

2248 CAGGACCTCTAGTCTGGGCGAGGCGCATCAGAAAGTGCTTAAGCCCTCTCTCCAAATGCC 2307

121 CAGGACCTCTAGTCTGGGCGAGGCGCATCAGAAAGTGCTTAAGCCCTCTCTCCAAATGCC 180

2308 AAGACGAGACCAACGCTTACCAATCCAGCCCTTGAATTCCTGCTGCTCCATTA 2367

181 AAGACGAGACCAACGCTTACCAATCCAGCCCTTGAATTCCTGCTGCTCCATTA 240

2368 CAGAAAGAGTCTGCTGATCCGCTAAGGATCAGGAGAGAGAAAGAGGATGGGT 2427

241 CAGAAAGAGTCTGCTGATCCGCTAAGGATCAGGAGAGAGAAAGAGGATGGGT 300

2428 GGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGGTGGGTGGGAAAGGC 2487

301 GGGAGGACCCCTCCAGTCTCTACTGTTCCCAAGCTACAGGTGGGTGGGAAAGGC 360

2488 TTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTATCAAGTATGAAA 2547

361 TTATCAGGTATCATCAACAGGTTCTCAATTAAAGATTGATTATCAAGTATGAAA 420

2548 A 2548

421 A 421

RESULT 62

US-60-172-373-12816

Sequence 12816, Application US/60172373

GENERAL INFORMATION:

APPLICANT: Morris, MacDonald

APPLICANT: Lal, Preeti

APPLICANT: Diep, Dinh

TITLE OF INVENTION: Method for the identification of sequence polymorphisms using

TITLE OF INVENTION: Polynucleotide sequence databases, and single nucleotide polymor

FILE REFERENCE: GX-0006 P

CURRENT APPLICATION NUMBER: US/60/172,373

PRIOR FILING DATE: 1999-12-16

NUMBER OF SEQ ID NOS: 25,772

SOFTWARE: PERL Program

SEQ ID NO 12816

LENGTH: 1495

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc.feature

OTHER INFORMATION: Incyte ID No: 206072.5c

US-60-172-373-12816

Query Match

Best Local Similarity 100.0%; Score 417; DB 61; Length 1495;

Matches 417; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2132 TACCTCAGATCTCTATTTCATTTTGGGCTTACCAATCCCTAGACACTGGGCTTGC 2191

FILE REFERENCE: 20411-767
CURRENT APPLICATION NUMBER: US/10/032.354
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 09/271.490
PRIOR FILING DATE: 1999-03-18
NUMBER OF SEQ ID NOS: 19424
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 10133
LENGTH: 481
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(481)
OTHER INFORMATION: n = A,T,C or G
US-10-032-354-10133

Query Match 16.0%; Score 411; DB 38; Length 481;
Best Local Similarity 100.0%; Pred. No. 3,2e-58;
Matches 411; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 729 GGAACGCTGTTGTTACCTGGAACCTGAGAGGAGCTTCTCATCCGAGAGCAAGAC 788
DB 71 GGAACGCTGTTGTTACCTGGAACCTGAGAGGAGCTTCTCATCCGAGAGCAAGAC 130
QY 789 CAGAGAGGCTTTACTCTCTGTGATGTCGCCCTTCAAGCCCTGATCTGGAGCCGAT 848
DB 131 CAGAGAGGCTTTACTCTCTGTGATGTCGCCCTTCAAGCCCTGATCTGGAGCCGAT 190
QY 849 CAGACACTACAGATCACTGCTTGAACAAATGGCTGGATGATCACTCAAGCCGCTGAC 908
DB 191 CAGACACTACAGATCACTGCTTGAACAAATGGCTGGATGATCACTCAAGCCGCTGAC 250
QY 909 CTTCCTCTCACTCAAGCCCTTGTGTGACATTACTTGAAGCTGGAGATATCATCTGCTG 968
DB 251 CTTCCTCTCACTCAAGCCCTTGTGTGACATTACTTGAAGCTGGAGATATCATCTGCTG 310
QY 969 CCTACTCAAGAGCCTGTGTCTGTCTGACAGAGGCTGACCCGCTCCTGAGAGATATAC 1028
DB 311 CCTACTCAAGAGCCTGTGTCTGTCTGACAGAGGCTGACCCGCTCCTGAGAGATATAC 370
QY 1029 CCTACTGTGATCTGTGACAGAGACCACTCACTGAAAGAGCTGGAGAGCTCCCTCT 1088
DB 371 CCTACTGTGATCTGTGACAGAGACCACTCACTGAAAGAGCTGGAGAGCTCCCTCT 430
QY 1089 GTTTCTGAGCTGACACAGAGGAGAGATCTTCTTCACTGAGAGGCTCTCCG 1139
DB 431 GTTTCTGAGCTGACACAGAGGAGAGATCTTCTTCACTGAGAGGCTCTCCG 481

RESULT 66
PCT-US01-08631-10552
Sequence 10552, Application PC/TUS0108631
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 21272-049
CURRENT APPLICATION NUMBER: PCT/US01/08631
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/540,217
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 60736
SOFTWARE: Custom
SEQ ID NO 10552
LENGTH: 603
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIMILAR
LOCATION: (61)-(600)
OTHER INFORMATION: 82% homologous to Homo sapiens dU977B1.1 (novel protein

OTHER INFORMATION: tyrosine kinase with Src homology domain 2 domains), accession
OTHER INFORMATION: number AL050318, Smith-Mateman Score=725.
PCT-US01-08631-10552

Query Match 15.8%; Score 405; DB 1; Length 603;
Best Local Similarity 100.0%; Pred. No. 2.8e-57;
Matches 405; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 796 GGCTTTACTCTCTGTGATGTCGCCCTTCAAGCCCTGATCTGGAGCCGATCAGAC 855
DB 199 GGCTTTACTCTCTGTGATGTCGCCCTTCAAGCCCTGATCTGGAGCCGATCAGAC 258
QY 856 TACAGATCACTGCTTTGACAAATGCTGCTGTGATCACTCAACCGGCTCACTTCCC 915
DB 259 TACAGATCACTGCTTTGACAAATGCTGCTGTGATCACTCAACCGGCTCACTTCCC 318
QY 916 TCACTCCAGGCTTGTGATGACCAATTAATGCTGAGCTGGAGATGATCTGCTTACTC 975
DB 319 TCACTCCAGGCTTGTGATGACCAATTAATGCTGAGCTGGAGATGATCTGCTTACTC 378
QY 976 AAGAGGCTTGTGCTGTGACAGAGGCTGGCCCTTCTTGGCAAGATATACCCCTACT 1035
DB 379 AAGAGGCTTGTGCTGTGACAGAGGCTGGCCCTTCTTGGCAAGATATACCCCTACT 438
QY 1036 GTGACTGTGACAGAGACCACTCACTGAAAGAGCTTGACAGCTCCCTCTGTTTCT 1095
DB 439 GTGACTGTGACAGAGACCACTCACTGAAAGAGCTTGACAGCTCCCTCTGTTTCT 498
QY 1096 GAAGCTGCCACAGGAGAGAGCTCTTCTCACTGAGAGGCTTCCGGAGTCCCTAGCTTC 1155
DB 499 GAAGCTGCCACAGGAGAGAGCTCTTCTCACTGAGAGGCTTCCGGAGTCCCTAGCTTC 558
QY 1156 TACATCAGCTGATATGACGAGGCTGTCTTGTGATGATGCTTAC 1200
DB 559 TACATCAGCTGATATGACGAGGCTGTCTTGTGATGATGCTTAC 603

RESULT 67
US-09-758-450-410
Sequence 410, Application US/09758450
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PM020
CURRENT APPLICATION NUMBER: US/09/758,450
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
NUMBER OF SEQ ID NOS: 1010
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 410
LENGTH: 622
TYPE: DNA
ORGANISM: Homo sapiens
US-09-758-450-410

Query Match 15.6%; Score 400; DB 29; Length 622;
Best Local Similarity 99.5%; Pred. No. 1.8e-56;
Matches 620; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1197 CTAGGCCCAAGAGAGGCAAGGCAAGGCTGACCTGACCTGAAACCCCAATTC 1256
DB 1 CTAGGCCCAAGAGAGGCAAGGCAAGGCTGACCTGACCTGAAACCCCAATTC 60
QY 1257 GCCTCTGGGACCCAGAGAGGCAAGGCTGTGACTCAGAGAGGAGGAGGAGACACAG 1316
DB 61 GCCTCTGGGACCCAGAGAGGCAAGGCTGTGACTCAGAGAGGAGGAGGAGACACAG 120
QY 1317 GTGATCTAGAGTCCACCTGATACCTTCTTCTCTTGAAGGCTTGAAGTCAAC 1376
DB 121 GTGATCTAGAGTCCACCTGATACCTTCTTCTCTTGAAGGCTTGAAGTCAAC 180

QY 1377 TACTTCTTCAAGTGCATGATCCACCTGCGACCTTAAGTCGAGTGAGAGAAAGTGG 1436
DB 181 TACTTCTTCAAGTGCATGATCCACCTGCGACCTTAAGTCGAGTGAGAGAAAGTGG 240
QY 1437 GACCAAGGCGAGGGTTCCAAAAGAAATAGAGTCTGAGGGGGTCTGAGCCTTAAGTT 1496
DB 241 GACCAAGGCGAGGGTTCCAAAAGAAATAGAGTCTGAGGGGGTCTGAGCCTTAAGTT 300
QY 1497 CTGAGTTGGGGTTTCCAGTACATCTGATGCTGCTGCTGTTGAGCCCATTTCAAT 1556
DB 301 CTGAGTTGGGGTTTCCAGTACATCTGATGCTGCTGCTGTTGAGCCCATTTCAAT 359
QY 1557 CCCACCATTAACCAAGGCCCCACCAAGGTAGAAACACCTTGAAGTCAAGAGAA 1616
DB 360 CCCACCATTAACCAAGGCCCCACCAAGGTAGAAACACCTTGAAGTCAAGAGAA 419
QY 1617 GTCATTTTCAAGAAATCTACAAAGTCTGTTGAGACCAACCAATACCTGAGAGTGA 1676
DB 420 GTCATTTTCAAGAAATCTACAAAGTCTGTTGAGACCAACCAATACCTGAGAGTGA 479
QY 1677 CTGTGCTTAAGAGGAAAGAAAGCTGATGATGTTACCTGAGAGAGATCTTGG 1736
DB 480 CTGTGCTTAAGAGGAAAGAAAGCTGATGATGTTACCTGAGAGAGATCTTGG 539
QY 1737 ATGTGCGAGGCTTAATGAGCTTCCAGAGCAAAAGAAAGATTGGAGATCTTGG 1796
DB 540 ATGTGCGAGGCTTAATGAGCTTCCAGAGCAAAAGAAAGATTGGAGATCTTGG 599
QY 1797 TCAAAATGTCCCCCATTTGAGACA 1819
DB 600 TCAAAATGTCCCCCATTTGAGACA 622

RESULT 68

US-10-227-582-410
Sequence 410, Application US/10227582
GENERAL INFORMATION:
APPLICANT: Rosen et al.
FILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PMO20CIN
CURRENT APPLICATION NUMBER: US/10/227,582
CURRENT FILING DATE: 2002-08-26
PRIOR APPLICATION NUMBER: 09/758,450
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
NUMBER OF SEQ ID NOS: 1010
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 410
LENGTH: 622
TYPE: DNA
ORGANISM: Homo sapiens
US-10-227-582-410

Query Match

Best Local Similarity 15.6%; Score 400; DB 42; Length 622;
Matches 620; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1197 CTAGGCCCAAGAGAGGCAAGAGGAAACCAAGGCTGACACCTAGAACCCCAATTCA 1256
DB 1 CTAGGCCCAAGAGAGGCAAGAGGAAACCAAGGCTGACACCTAGAACCCCAATTCA 60
QY 1257 GCTCTGTGGGCAAGGCAAGAGGCTGCTGCTGAGGAGGAGGGTGGGACAGAG 1316
DB 61 GCTCTGTGGGCAAGGCAAGAGGCTGCTGCTGAGGAGGAGGGTGGGACAGAG 120
QY 1317 GTGCAATCTAGAGGCTGCACTGTAACCTTGTCTTCTCTTGAAGGTTAGAGTCA 1376
DB 121 GTGCAATCTAGAGGCTGCACTGTAACCTTGTCTTCTCTTGAAGGTTAGAGTCA 180

QY 1377 TACTTCTTCAAGTGCATGATCCACCTGCGACCTTAAGTCGAGTGAGAGAAAGTGG 1436
DB 181 TACTTCTTCAAGTGCATGATCCACCTGCGACCTTAAGTCGAGTGAGAGAAAGTGG 240
QY 1437 GACCAAGGCGAGGGTTCCAAAAGAAATAGAGTCTGAGGGGGTCTGAGCCTTAAGTT 1496
DB 241 GACCAAGGCGAGGGTTCCAAAAGAAATAGAGTCTGAGGGGGTCTGAGCCTTAAGTT 300
QY 1497 CTGAGTTGGGGTTTCCAGTACATCTGATGCTGCTGCTGTTGAGCCCATTTCAAT 1556
DB 301 CTGAGTTGGGGTTTCCAGTACATCTGATGCTGCTGCTGTTGAGCCCATTTCAAT 359
QY 1557 CCCACCATTAACCAAGGCCCCACCAAGGTAGAAACACCTTGAAGTCAAGAGAA 1616
DB 360 CCCACCATTAACCAAGGCCCCACCAAGGTAGAAACACCTTGAAGTCAAGAGAA 419
QY 1617 GTCATTTTCAAGAAATCTACAAAGTCTGTTGAGACCAACCAATACCTGAGAGTGA 1676
DB 420 GTCATTTTCAAGAAATCTACAAAGTCTGTTGAGACCAACCAATACCTGAGAGTGA 479
QY 1677 CTGTGCTTAAGAGGAAAGAAAGCTGATGATGTTACCTGAGAGAGATCTTGG 1736
DB 480 CTGTGCTTAAGAGGAAAGAAAGCTGATGATGTTACCTGAGAGAGATCTTGG 539
QY 1737 ATGTGCGAGGCTTAATGAGCTTCCAGAGCAAAAGAAAGATTGGAGATCTTGG 1796
DB 540 ATGTGCGAGGCTTAATGAGCTTCCAGAGCAAAAGAAAGATTGGAGATCTTGG 599
QY 1797 TCAAAATGTCCCCCATTTGAGACA 1819
DB 600 TCAAAATGTCCCCCATTTGAGACA 622

RESULT 69

US-09-577-410-1259
Sequence 1259, Application US/09577410
GENERAL INFORMATION:
APPLICANT: Gutierrez-Ramos, Jose-Carlos
APPLICANT: Hodge, Martin
APPLICANT: Kingsbury, Gillian
FILE OF INVENTION: Nucleic Acid Molecules Derived from
FILE REFERENCE: 5800-32
CURRENT APPLICATION NUMBER: US/09/577,410
CURRENT FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: US 60/135,632
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: US 60/135,633
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: US 60/135,616
PRIOR FILING DATE: 1999-05-24
NUMBER OF SEQ ID NOS: 8991
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1259
LENGTH: 652
TYPE: DNA
ORGANISM: Homo sapiens
US-09-577-410-1259

Query Match

Best Local Similarity 15.1%; Score 387; DB 22; Length 652;
Matches 387; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 996 GAGGGCTGCGGCTTCTGCAAGATATACCTTACCTGTGATCTGACAGAGACACC 1055
DB 140 GAGGGCTGCGGCTTCTGCAAGATATACCTTACCTGTGATCTGACAGAGACACC 199
QY 1056 ACTCAACTGAAAGAGCTGAGACAGCTCCTCTGTTTCTGAGAGCTGCAAGGGAGGA 1115
DB 200 ACTCAACTGAAAGAGCTGAGACAGCTCCTCTGTTTCTGAGAGCTGCAAGGGAGGA 259
QY 1116 GTCTCTTCTGAGTGAAGGTCTCGGAGAGTCCCTGAGCTTACATCAGGCTGAATGACA 1175

US-09-943-143-23388

14.7%; Score 377; DB 35; Length 377;

Query Match Best Local Similarity 100.0%; Pred. No. 1.2e-52;

Matches 377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1444 GCCAGGTTCCAAAAGAAATTAAGCTCTGGGGGCTGACCTAGTATGTTGAGT 1503
DB 1 GCCAGGTTCCAAAAGAAATTAAGCTCTGGGGGCTGACCTAGTATGTTGAGT 60
QY 1504 TTGGGGTTTCCAGTACCATCTGATGCTGCTGTTGAGCCCATTTACATCCACC 1563
DB 61 TTGGGGTTTCCAGTACCATCTGATGCTGCTGTTGAGCCCATTTACATCCACC 120
QY 1564 ATTACCCAGGCCCCCAGGAGTGAAGAAACCCCTAGATCAAGAAAGTCAATT 1623
DB 121 ATTACCCAGGCCCCCAGGAGTGAAGAAACCCCTAGATCAAGAAAGTCAATT 180
QY 1624 TCAGAAAATCTACAAGTCTGTTGAGACCAACCATCTCAGAGGTAGAGTGGC 1683
DB 181 TCAGAAAATCTACAAGTCTGTTGAGACCAACCATCTCAGAGGTAGAGTGGC 240
QY 1684 CTAGAAGGAAAGGAAAGCTGAGATGATCTTACCGTAGACGATCTTGATGCTC 1743
DB 241 CTAGAAGGAAAGGAAAGCTGAGATGATCTTACCGTAGACGATCTTGATGCTC 300
QY 1744 AGGCTCTATGTGACCTCAGAGCAAGAAAGACTTCGAGAGTCTAGTCTCAATG 1803
DB 301 AGGCTCTATGTGACCTCAGAGCAAGAAAGACTTCGAGAGTCTAGTCTCAATG 360
QY 1804 TCCCCCATTTGAGACAA 1820
DB 361 TCCCCCATTTGAGACAA 377

RESULT 73

US-09-277-227-16213

Sequence 16213, Application US/09277227

GENERAL INFORMATION:

APPLICANT: Hyseq, Inc.

TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

FILE REFERENCE: 20411-766

CURRENT APPLICATION NUMBER: US/09/277,227

CURRENT FILING DATE: 1999-03-25

NUMBER OF SEQ ID NOS: 23680

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 16213

LENGTH: 731

TYPE: DNA

ORGANISM: Homo sapiens

US-09-277-227-16213

Query Match

Best Local Similarity 99.6%; Pred. No. 6e-52; Length 731;

Matches 472; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 CAAGGCCAGGACCTGTGACCATGAGACAGAGAGGACCAAGCCGTGCGCTG 534
DB 13 CAAGGCCAGGACCTGTGACCATGAGACAGAGAGGACCAAGCCGTGCGCTG 72
QY 535 GGCAGATTCCCGGAGGTGGCCGCGAGCTGTGAGACTGGGAGACCAATTGACC 594
DB 73 GGCAGATTCCCGGAGGTGGCCGCGAGCTGTGAGACTGGGAGACCAATTGACC 132
QY 595 ATCGTCTCTGAGATGAGACTGTGAGCGGTGCTGTGAAGTCTCAGCAGAGATAT 654
DB 133 ATCGTCTCTGAGATGAGACTGTGAGCGGTGCTGTGAAGTCTCAGCAGAGATAT 192
QY 655 AACATCCCAAGCGTCAAGCTGGCCAAAGTCTCCATGGGTGCTGTATGAGGCGTGAAC 714
DB 193 AACATCCCAAGCGTCAAGCTGGCCAAAGTCTCCATGGGTGCTGTATGAGGCGTGAAC 252

QY 715 AGGAGAAACAGAGAACTGCTGTGTTACTCTGAGAAACCTGAGGGGCTTCTCATC 774
DB 253 AGGAGAAACAGAGAACTGCTGTGTTACTCTGAGAAACCTGAGGGGCTTCTCATC 312
QY 775 CGGAGAGCCAGACAGAGAGAGGCTTACTCTGTCTAGTCCGCTCAGCGCCCTGCA 834
DB 313 CGGAGAGCCAGACAGAGAGAGGCTTACTCTGTCTAGTCCGCTCAGCGCCCTGCA 372
QY 835 TCTGGAGCCGATCAGACACTACAGATCACTGCTTGAACATGCTGGCTGTATATC 894
DB 373 TCTGGAGCCGATCAGACACTACAGATCACTGCTTGAACATGCTGGCTGTATATC 432
QY 895 TCACCGGCGCTCACTCCCTCACTCAGGCGCTGAGGACCAATTAATCTAG 948
DB 433 TCACCGGCGCTCACTCCCTCACTCAGGCGCTGAGGACCAATTAATCTAG 486

RESULT 74

US-09-909-627-16213

Sequence 16213, Application US/0909627

GENERAL INFORMATION:

APPLICANT: Hyseq, Inc.

TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

FILE REFERENCE: 20411-766

CURRENT APPLICATION NUMBER: US/09/909,627

CURRENT FILING DATE: 2001-07-19

PRIOR APPLICATION NUMBER: 09/277,227

PRIOR FILING DATE: 1999-03-23

NUMBER OF SEQ ID NOS: 23680

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 16213

LENGTH: 731

TYPE: DNA

ORGANISM: Homo sapiens

US-09-909-627-16213

Query Match

Best Local Similarity 99.6%; Score 372; DB 34; Length 731;

Matches 472; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 CAAGGCCAGGACCTGTGACCATGAGAGAGAGAGCAAGCCAGCCGTGCGCTG 534
DB 13 CAAGGCCAGGACCTGTGACCATGAGAGAGAGAGCAAGCCAGCCGTGCGCTG 72
QY 535 GGCAGATTCCCGGAGGTGGCCGCGAGCTGTGAGACTGGGAGACCAATTGACC 594
DB 73 GGCAGATTCCCGGAGGTGGCCGCGAGCTGTGAGACTGGGAGACCAATTGACC 132
QY 595 ATCGTCTCTGAGATGAGACTGTGAGCGGTGCTGTGAAGTCTCAGCAGAGATAT 654
DB 133 ATCGTCTCTGAGATGAGACTGTGAGCGGTGCTGTGAAGTCTCAGCAGAGATAT 192
QY 655 AACATCCCAAGCGTCAAGCTGGCCAAAGTCTCCATGGGTGCTGTATGAGGCGTGAAC 714
DB 193 AACATCCCAAGCGTCAAGCTGGCCAAAGTCTCCATGGGTGCTGTATGAGGCGTGAAC 252
QY 715 AGGAGAAACAGAGAACTGCTGTGTTACTCTGAGAAACCTGAGGGGCTTCTCATC 774
DB 253 AGGAGAAACAGAGAACTGCTGTGTTACTCTGAGAAACCTGAGGGGCTTCTCATC 312
QY 775 CGGAGAGCCAGACAGAGAGAGGCTTACTCTGTCTAGTCCGCTCAGCGCCCTGCA 834
DB 313 CGGAGAGCCAGACAGAGAGAGGCTTACTCTGTCTAGTCCGCTCAGCGCCCTGCA 372
QY 835 TCTGGAGCCGATCAGACACTACAGATCACTGCTTGAACATGCTGGCTGTATATC 894
DB 373 TCTGGAGCCGATCAGACACTACAGATCACTGCTTGAACATGCTGGCTGTATATC 432
QY 895 TCACCGGCGCTCACTCCCTCACTCAGGCGCTGAGGACCAATTAATCTAG 948
DB 433 TCACCGGCGCTCACTCCCTCACTCAGGCGCTGAGGACCAATTAATCTAG 486


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RESULT 75
US-60-226-176-1464
; Sequence 1464, Application US/60226176
; GENERAL INFORMATION:
; APPLICANT: Ring, Huijun Z.
; APPLICANT: Malsen, Gareth
; APPLICANT: Townley, David
; APPLICANT: Morris, Macdonald
; TITLE OF INVENTION: Single Nucleotide Polymorphisms Associated With ADME Genes
; FILE REFERENCE: GK-0013-1 P
; CURRENT APPLICATION NUMBER: US/60/226,176
; CURRENT FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2447
; SOFTWARE: PERL Program
; SEQ ID NO 1464
; LENGTH: 66741
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: GB:AL031662_25
US-60-226-176-1464

Query Match      14.0%; Score 359; DB 66; Length 66741;
Best Local Similarity 100.0%; Pred. No. 1.5e-50;
Matches 359; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 GTCGAGCTAGAGCTCCAAGAGCCCAAGCTGTGTCTGTGTGACAGAGCTCAAGAGGCC 72
DB 54797 GTCGAGCTAGAGCTCCAAGAGCCCAAGCTGTGTCTGTGTGACAGAGCTCAAGAGGCC 54856

QY 73 CTGGGCTTCCCTCCCTGGCTCGGCTGTGTGTGGAGGGTTCCCAAGTCCAGATCCCTA 132
DB 54857 CTGGGCTTCCCTCCCTGGCTCGGCTGTGTGTGGAGGGTTCCCAAGTCCAGATCCCTA 54916

QY 133 AGGAGCATGGGCACTGATCCATCCCTGTGTGACAACTGTGACTGCAGACAGATGCT 192
DB 54917 AGGAGCATGGGCACTGATCCATCCCTGTGTGACAACTGTGACTGCAGACAGATGCT 54976

QY 193 GAGTACCCCAACCAACCTAGCTCTCCCTGAAGATCCCTCCAGCTGAGAGATTCT 252
DB 54977 GAGTACCCCAACCAACCTAGCTCTCCCTGAAGATCCCTCCAGCTGAGAGATTCT 55036

QY 253 GGGTGTCTTAGAGCAAGACACTGGGAGACTTCCAGAGGGCCCCCAAGCCCTAACT 312
DB 55037 GGGTGTCTTAGAGCAAGACACTGGGAGACTTCCAGAGGGCCCCCAAGCCCTAACT 55096

QY 313 GTCCAGCGAGAGCATGCTCTCCAGCAGAGAGTGTCTCCCAAGCCTTGTGACAAACCA 371
DB 55097 GTCCAGCGAGAGCATGCTCTCCAGCAGAGAGTGTCTCCCAAGCCTTGTGACAAACCA 55155
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